INVEST IN THE FUTURE

French manufacturer
since 1964



Chargers, Boosters & Starters

Charge & entretien des batteries

Batterieservicegeräte-Katalog

Caricabatterie, Booster & Avviatore

Catálogo de Cargadores

2023



CHARGER

BSU

BOOSTER

STARTER

TESTER

JUMPER CABLE

ACCESSORIES

www.gys.fr



800 people

125 000 000

55 000 m²
2 factories

visit with
Youtube

INVEST IN THE FUTURE

FR

Créé en 1964, GYS est un groupe industriel français regroupant plus de 800 collaborateurs dans le monde. Fort d'un centre de recherche de premier plan, GYS est un acteur majeur dans la conception et la fabrication d'équipements de soudage, de chargeurs de batteries et de systèmes de réparation carrosserie.

Les nouvelles réalités du marché sont en perpétuel changement et la taille de notre entreprise familiale nous impose une adaptation rapide aux nouveaux contextes et à leurs enjeux.

Nous sommes convaincus que notre avenir est étroitement lié à celui de nos clients. Pour cela, nous mettons tout en oeuvre pour comprendre ce que les distributeurs et les utilisateurs attendent de nous, savoir à quels défis ils font face et voir dans quelle mesure nous pouvons leur permettre de les relever afin de devenir et rester leur partenaire privilégié pour le chemin que nous avons à parcourir ensemble.

DE

GYS wurde 1964 gegründet und ist ein französisches Familienunternehmen mit mehr als 900 Mitarbeitern auf der ganzen Welt. Dank eines erstklassigen Forschungszentrums ist GYS ein wichtiger Akteur in der Entwicklung und Herstellung von Schweißgeräten, Batterieladegeräten und Karosseriereparatursystemen.

Neue Marktbedingungen sind in fortwährender Veränderung und die Größe unseres Familienunternehmens veranlasst eine rasche Anpassung an neue Umstände und an ihre Herausforderungen.

Wir sind überzeugt, dass unsere Zukunft eng mit der unserer Kunden verbunden ist. Dafür setzen wir all unser Können ein, um zu verstehen, was die Händler und Anwender von uns erwarten, welchen Herausforderungen sie gegenüberstehen und um zu schauen, in welchem Maße wir sie unterstützen können, damit wir ihr bevorzugter Partner werden und bleiben auf dem Weg, den wir gemeinsam beschreiten.

IT

Nato nel 1964, GYS è un gruppo industriale francese che raggruppa oltre 800 collaboratori nel mondo. Forte di un centro di ricerca di grande importanza, GYS è uno dei maggiori protagonisti nella progettazione e fabbricazione di apparecchiature per la saldatura e il taglio, di caricabatterie booster e avviatori e sistemi di riparazione delle carrozzerie.

Le realtà del mercato sono in continuo cambiamento e richiedono risposte immediate. Le dimensioni della nostra impresa familiare consentono un adattamento rapido ai nuovi contesti e alle loro problematiche.

Siamo convinti che il nostro futuro sia strettamente legato a quello dei nostri clienti. Per questo noi mettiamo il massimo impegno per capire quello che i distributori e i loro clienti/utilizzatori si aspettano da noi, quali sfide devono affrontare e come possiamo aiutarli per farli crescere, per diventare e restare loro partner di riferimento per proseguire insieme sul cammino del successo.

Created in 1964, GYS is a French industrial group with 800+ employees around the world. Built around continuous investment in Research & Development and in the acquisition of knowledge, the company is now a major player in the design and manufacture of welding machines, battery chargers and car body repair equipment.



Nicolas & Bruno Bouygues

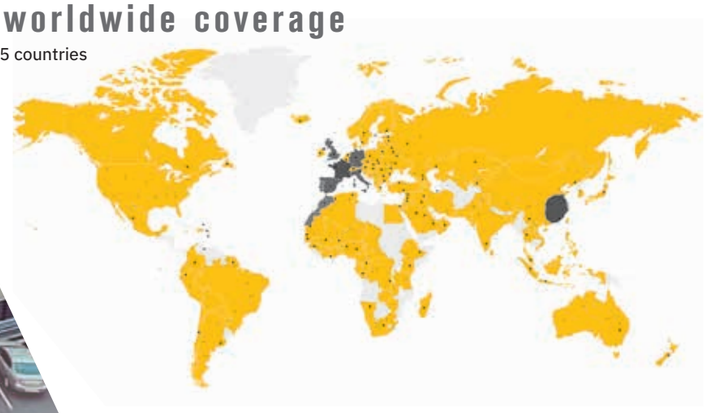
\\ The market realities are constantly changing and the size of our family business requires us to quickly adapt to new contexts and new challenges.

We are convinced that our future is closely linked to the future of our partners. This is why we do everything in our power to understand what distributors and users expect from us and what challenges they face every day. To support them in facing these challenges, we wish to become and remain their privileged partner on the path we will travel together. \\

Bruno Bouygues,
C.E.O.

A worldwide coverage

125 countries





GYS FRANCE Laval — 1964 — × 550

GYS GERMANY Aachen — 2006 — × 80

GYS U.K. Rugby — 2008 — × 40

GYS CHINA Shanghaï — 2004 — × 100

GYS ITALIA Venezia — 2015 — × 25

GYS IBERICA Madrid — 2022 — × 10

Partners

DACIA · NISSAN · PEUGEOT · CITROËN · OPEL · Chevrolet · Ford · TOYOTA · VOLVO · LAND ROVER · JAGUAR · MERCEDES smart · EvoBus · DODGE · HONDA · HYUNDAI · VOLKSWAGEN GROUP

红旗 · LANCIA · ALFA ROMEO · TESLA APPROVED EQUIPMENT · FIAT · ABARTH · Jeep · TATA · EICHER



GYS ACADEMY

Training centre dedicated to professionals

Centre de formation agréé

Trainingcenter für Profis

Centro di formazione dedicato ai professionisti

Ref. 52 53 0068153

3 catalogues

3 200+ references



Welding & Cutting



Car Body Welding Systems



Chargers, Boosters & Starters

CHARGERS

6 - 12 - 24 - 36 - 48 V

Smart HF



GYSFLASH (Pb)
p.6



GYSFLASH LITHIUM ($LiFePO_4$)
p.9



GYSFLASH PL (Pb/$LiFePO_4$/Li-ion)
p.10

Connectors p.14
Selection p.15

ON BOARD

GYSFLASH / GYSPOWER / ENERGYS
p.16

BSU



GYSFLASH PRO
p.18



CNT Modules
p.26

Accessories p.30

Chargers



ARTIC
p.32



ENERGY & TCB
p.33



CT, CA & WATTMATIC
p.34

BATIUM
p.36

STARTERS & CHARGERS

12 - 24 V



START & NEOSTART
p.38



STARTIUM
p.40



DIAGSTARTIUM
p.41



STARTFLASH
p.42

BOOSTERS

6 - 12 - 24 V

Traditional (Pb/Lead)



GYSPACK
p.44



GYSPACK PRO
p.47



STARTPACK TRUCK
p.48



STARTPACK
p.49



ENERGYSTATION
p.51

Selection
p.52

12 - 24 V

Lithium inside



NOMAD POWER & POWER PRO
p.54

12 - 24 V

Super capacitors inside



STARTRONIC
p.56



GYSCAP
p.57

TESTERS

12 - 24 V



TBP, BT, PBT
p.58

ACCESSORIES



Power inverter
p.62



Power Pack
p.65



Jumper cables
p.66



EV charging



Clamps & consumables
p.68

Accessories
p.69

Working lights
p.70

MORE



NATO/OTAN selection
p.53

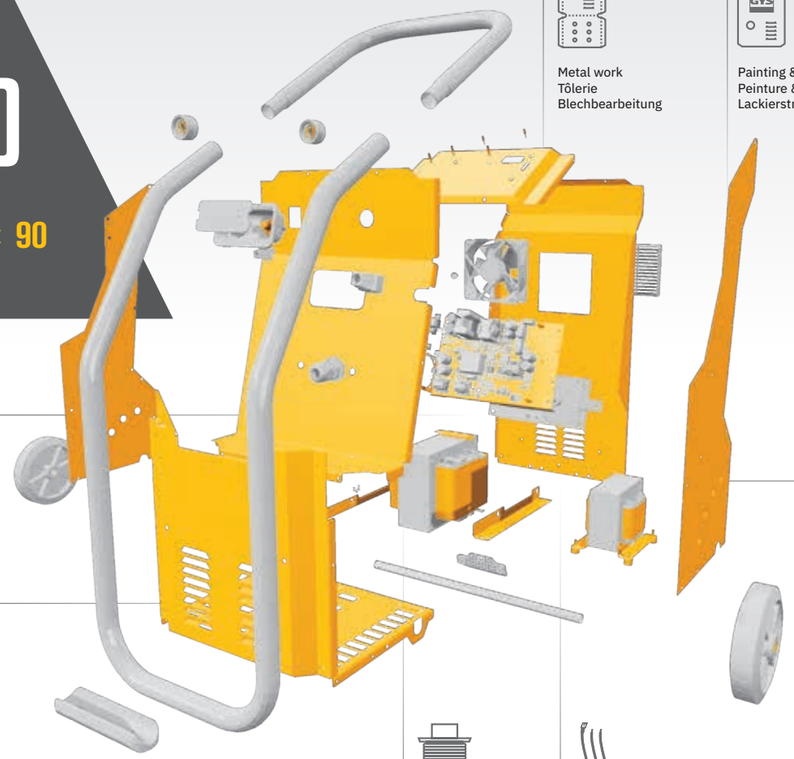
Traction selection
p.53

Charging curves
p.71

Marketing
p.71

Advanced R&D

× 90



Metal work
Tôlerie
Blechbearbeitung

Painting & marking
Peinture & marquage
Lackierstraße

Assembly
Montage/tests
Montage

Electronics
Électronique
Elektronik

Mechanical
Mécanique
CNC-Bearbeitung

Transformers
Transformateurs
Transformatoren

Cable work
Filerie
Kabelkonfektionierung

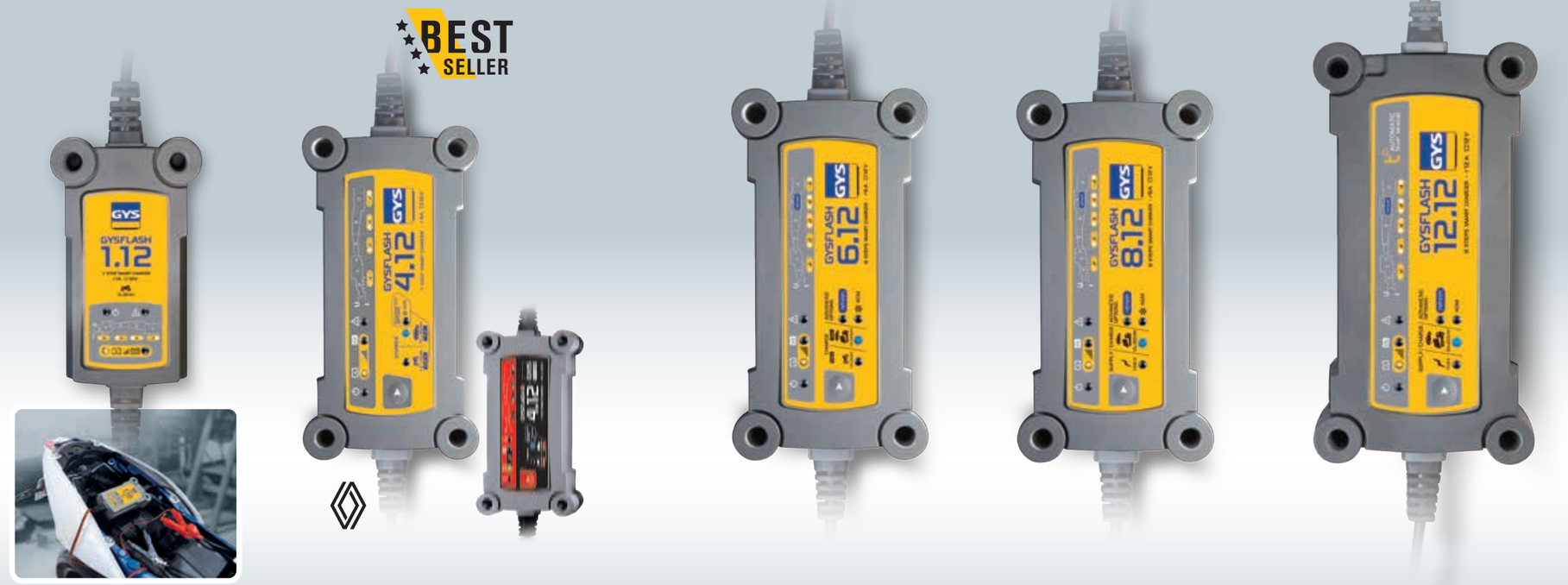
100% in house production

www.gys.fr

CHARGERS Pb
SMART HF INVERTER

YouTube
PLAYLIST
GYSFLASH

IP 65
WATER PROTECTION
GYSFLASH
1.12, 4.12, 6.12, 8.12, 12.12,
6 HERITAGE, 6.24, 9.24, 1.12 PL,
8.12 PL, 6.24 PL, 3.48 PL,
1.12 Lithium, 6.12 Lithium



GYSFLASH TECHNOLOGY

SSM

Mémorisation des réglages. Redémarrage automatique en cas de coupure électrique.
Save and load settings. Automatic restart in case of power cut.
Einstellungsspeicherung. Automatisches Starten nach einem Netzausfall.

START STOP

Start/stop Engine :
Compatible véhicules Start/Stop.
Compatible with Start/Stop vehicles.
Geeignet für START-STOP- Fahrzeuge.

CAN BUS

Can bus ready : compatible avec la technologie Can Bus, le Gysflash se branche directement sur la prise 12 V de la moto (câble en option).
Can Bus ready: compatible with Can Bus Technology, the Gysflash can be connected to the motorcycle 12V socket (cable is optional).
Can-Bus Ready: Mit der Can-Bus Technologie kompatibel. Das GYSFLASH wird direkt an den 12V-Anschluss des Motorrads angeschlossen (Kabel optional).

Auto Recovery : Récupération des éléments des batteries profondément déchargées (mini 2V) et/ou sulfatées.
Auto Recovery : Recovers deeply discharged (min 2V) and/or sulfated batteries.
Auto Recovery: Wiederherstellung der Zellen bei tiefentladenen bzw. sulfatierten Batterien (min. 2V).

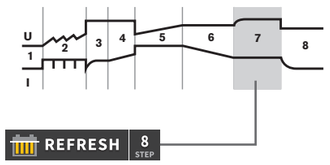
Mode "Cold charge": optimisation des performances en cas de temps froid ou de gel.
"Cold charge" mode: performance-enhancing charging mode for cold or freezing weather conditions.
«Cold Charge»-Modus: Leistungsoptimierung bei kaltem Wetter oder bei Frost.

Équipé d'un capteur haute sensibilité, le Gysflash ajuste automatiquement les paramètres de charge en fonction de la température ambiante.
Fitted with a highly sensitive sensor, Gysflash automatically adjusts the charge based on ambient temperature.
Ausgestattet mit einem hochempfindlichen Sensor stellt das GYSFLASH automatisch die Ladeparameter der Umgebungstemperatur entsprechend ein.

Source d'énergie : mode de maintien optimal de l'état de charge. Idéal pour les véhicules en hivernage, de démonstration, ou pour le remplacement de batterie.
Power supply mode: Optimum floating charge, ideal for use during battery change to protect vehicle memory. Also for when the vehicle is not in use for extended periods or for demonstration use.
Energiequelle: Aufrechterhaltung des Batteriezustands. Ideal für Saison-, Austellungsfahrzeuge oder bei Batteriewechsel.

SMART CHARGE 7 STEP / 8 STEP

1. Status analysis
2. Recovery
3. Test desulfation
4. Desulfation
5. Fast charge 80%
6. Absorption
7. Refresh (for "8 step" only)
8. Floating 100%



REFRESH 8 STEP

Rééquilibrage des cellules de la batterie pour plus de longévité (suivant modèle).
Rebalancing of the battery cells for greater longevity (not available on all models).
Regenerierung der Batteriezellen für eine längere Lebensdauer (je nach Modell).

12 V

GYSFLASH 1.12
1 A
GO > 7 V | SSM | START STOP | CAN BUS | 7 STEP

F FLASH Connector
1.45 m | Ø M6 | 0.45 m | 0.45 m
029361
GB: 029514

GYSFLASH 4.12 & 4.12S
0.8/4 A
GO > 2 V | SSM | START STOP | CAN BUS | 7 STEP

F FLASH Connector
1.45 m | Ø M6 | 0.45 m | 0.45 m

4.12
029422
GB: 029521

4.12S (110 V)
JP 069190
US 072701
BR 072817

GYSFLASH 6.12
0.8/6 A
GO > 2 V | SSM | START STOP | CAN BUS | REFRESH 8 STEP

F FLASH Connector
1.45 m | Ø M6 | 0.45 m | 0.45 m
029378
GB: 029613

GYSFLASH 8.12
8 A
GO > 2 V | SSM | START STOP | REFRESH 8 STEP

1.9 m
029385
GB: 029545

GYSFLASH 12.12
12 A
GO > 2 V | SSM | START STOP | REFRESH 8 STEP

S SAE Connector
0.40 m | 1.45 m
029392
GB: 029552

110 V
GYSFLASH 4.12 S
GYSFLASH 1.12 PL S

DISPLAY BOX
GYSFLASH 4.12 × 5
026001



PATENTS REGISTERED NUMBERS 002280008 & 002279927 EUROPEAN TRADEMARK & DESIGN	50 / 60 Hz		Power	I_{charge}	V	Charge	Maintenance	Zz	Ondulation/ Ripple	Charging curve		IP		
GYSFLASH 1.12	220-240 V AC	1 m	18 W	1 A	12 V	2 › 32 Ah	2 › 100 Ah	<0.4 Ah/month	<150 mV Rms	IUoU	7 steps	IP 65	0.44 kg	130 × 80 × 38 mm
GYSFLASH 4.12	220-240 V AC	2 m	70 W	0,8/4 A	12 V	1.2 › 90 Ah	1.2 › 130 Ah	<0.4 Ah/month	<150 mV Rms	IUoU	7 steps	IP 65	0.69 kg	170 × 90 × 51 mm
GYSFLASH 4.12S	100-127 V AC													
GYSFLASH 6.12	220-240 V AC	2 m	90 W	0,8/6 A	12 V	1.2 › 125 Ah	1.2 › 170 Ah	<0.4 Ah/month	<150 mV Rms	IUoU	8 steps	IP 65	0.77 kg	190 × 100 × 52 mm
GYSFLASH 8.12	220-240 V AC	2 m	130 W	8 A	12 V	15 › 160 Ah	15 › 240 Ah	<0.4 Ah/month	<150 mV Rms	IUoU	8 steps	IP 65	0.85 kg	190 × 100 × 52 mm
GYSFLASH 12.12	220-240 V AC	2 m	195 W	12A	12 V	20 › 250 Ah	20 › 330 Ah	<0.4 Ah/month	<100 mV Rms	IUoU	8 steps	IP 65	1.1 kg	221 × 111 × 58 mm

DESIGN GYS FRANCE
MADE IN GYS CHINA

CHARGERS Pb
SMART HF INVERTER





YouTube
PLAYLIST
GYSFLASH

GYSFLASH TECHNOLOGY

SSM

Mémorisation des réglages. Redémarrage automatique en cas de coupure électrique.

Save and load settings. Automatic restart in case of power cut.

Einstellungsspeicherung. Automatisches Starten nach einem Netzausfall.

START STOP

Start/stop Engine :
Compatible véhicules Start/Stop.
Compatible with Start/Stop vehicles.
Geeignet für START-STOP- Fahrzeuge.

CAN BUS

Can bus ready : compatible avec la technologie Can Bus, le Gysflash se branche directement sur la prise 12 V de la moto (câble en option).

Can Bus ready: compatible with Can Bus Technology, the Gysflash can be connected to the motorcycle 12V socket (cable is optional).

Can-Bus Ready: Mit der Can-Bus Technologie kompatibel. Das GYSFLASH wird direkt an den 12V-Anschluss des Motorrads angeschlossen (Kabel optional).

Auto Recovery : Récupération des éléments des batteries profondément déchargées (mini 2V) et/ou sulfatées.

Auto Recovery : Recovers deeply discharged (min 2V) and/or sulfated batteries.

Auto Recovery: Wiederherstellung der Zellen bei tiefentladenen bzw. sulfatierten Batterien (min. 2V).

t°

Équipé d'un capteur haute sensibilité, le Gysflash ajuste automatiquement les paramètres de charge en fonction de la température ambiante.

Fitted with a highly sensitive sensor, Gysflash automatically adjusts the charge based on ambient temperature.

Ausgestattet mit einem hochempfindlichen Sensor stellt das GYSFLASH automatisch die Ladeparameter der Umgebungstemperatur entsprechend ein.

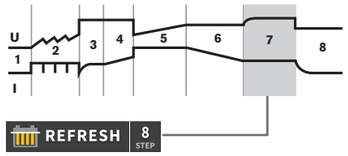
LiFePO4



SMART CHARGE 7 STEP / 8 STEP / 8 STEP LiFePO4

Pb

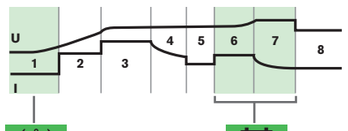
1. Status analysis
2. Recovery
3. Test desulfation
4. Desulfation
5. Fast charge 80%
6. Absorption
7. Refresh (for "8 step" only)
8. Floating 100%



Rééquilibrage des cellules de la batterie pour plus de longévité (suivant modèle).
Rebalancing of the battery cells for greater longevity (not available on all models).
Regenerierung der Batteriezellen für eine längere Lebensdauer (je nach Modell).

$LiFePO_4$ (LFP)

1. UVP Wake up - Status analysis
2. Recovery
3. Fast charge 90%
4. Absorption 95%
5. Test
6. Completion
7. Equalization
8. Floating 100%



UVP Wake up (Under Voltage Protection)
Réactivation de la batterie en protection UVP.
Battery reactivation when in UVP protection.
Reaktivierung der Batterie mit UVP-Schutz.

Equalizing Balancing System
Équilibrage des cellules.
Balancing of the battery cells.
Ausgleich der Batteriezellen.

HERITAGE • 6/12 V

GYSFLASH 6 HERITAGE

0.8/6 A

GO > 2 V | SSM | REFRESH 8 STEP

F FLASH Connector



029538

6/12/24 V

GYSFLASH 6.24

0.8/6 A

GO > 2 V | SSM | START STOP | 7 STEP

F FLASH Connector



029460
: 029644

GYSFLASH 9.24

9 A

GO > 2 V | SSM | START STOP | t° | REFRESH 8 STEP

S SAE Connector



029477
: 029651

12 V

GYSFLASH 1.12 Lithium

1 A

GO > 7 V | SSM | CAN BUS | 8 STEP LiFePO4

F FLASH Connector



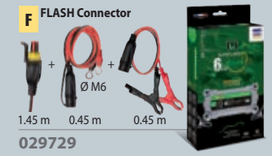
029675

GYSFLASH 6.12 Lithium

4/6 A

GO > 2 V | SSM | CAN BUS | 8 STEP LiFePO4

F FLASH Connector



029729

PATENTS REGISTERED NUMBERS 002280008 & 002279927 EUROPEAN TRADEMARK & DESIGN	50 / 60 Hz		Power	I_{charge}	V	Charge	Maintenance	Zz	Ondulation/Ripple	Charging curve		IP		
GYSFLASH 6 HERITAGE	220-240 V AC	2 m	90 W	**0,8/6 A**	**6/12 V**	1.2 › 125 Ah	1.2 › 170 Ah	<0.4 Ah /month	<150 mV Rms	IUoU	8 steps	IP 65	0.77 kg	190 × 100 × 52 mm
GYSFLASH 6.24	220-240 V AC	2 m	130 W	**0.8/6 A**	**6/12 V**	1.2 › 125 Ah	1.2 › 170 Ah	<0.4 Ah /month	<150 mV Rms	IUoU	7 step	IP 65	0.85 kg	190 × 100 × 52 mm
				0,8/4 A	**24 V**	1.2 › 100 Ah	1.2 › 140 Ah							
GYSFLASH 9.24	220-240 V AC	2 m	190 W	**9 A**	**6/12 V**	18 › 220 Ah	18 › 300 Ah	<0.4 Ah /month	<100 mV Rms	IUoU	8 step	IP 65	1.1 kg	221 × 111 × 58 mm
				6 A	**24 V**	15 › 125 Ah	15 › 170 Ah							

DESIGN GYS FRANCE
MADE IN GYS CHINA

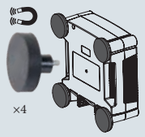
DESIGN GYS FRANCE MADE IN GYS CHINA	50 / 60 Hz		Power	I charge	V	Charge	Maintenance	Zz	Ondulation/ Ripple	Charging curve		IP			
GYSFLASH 1.12 Lithium	220-240 V AC	1 m	18 W	**1 A**	**12 V**	0.5 › 20 Ah	0.5 › 50 Ah	<0.4 Ah/ month	<150 mV Rms	IUoU	8 step	IP 65	0.44 kg	130 × 80 × 38 mm
GYSFLASH 6.12 Lithium	220-240 V AC	2 m	90 W	**4/6 A**	**12 V**	1.2 › 125 Ah	1.2 › 170 Ah	<0.4 Ah/ month	<150 mV Rms	IUoU	8 step	IP 65	0.77 kg	190 × 100 × 52 mm

CHARGERS SMART HF INVERTER Pb/LiFePO4

OPTION

Gysflash 18.12 PL, 30.12 PL, 20.12/24 PL, 10.36/48 PL

Magnetfix 20
026063



NEW 03 2023









INTENSIVE



SMART COOLING TECHNOLOGY

100% DUST PROOF

SILENT

IP 23 INDOOR / OUTDOOR



INTENSIVE



SHOCK RESISTANT

IP 65 INDOOR / OUTDOOR

12 V

GYSFLASH 1.12 PL & 1.12 PL S

1 A

GO > 7 V | SSM | START STOP | CAN BUS | 7 STEP Pb | 8 STEP LiFePO4



F FLASH Connector

1.45 m 0.45 m 0.45 m Ø M6

1.12 PL
026902
GB: 027541

1.12 PL S (110 V)
JP 070851
US 072794
BR 072824

GYSFLASH 8.12 PL

1/4/8 A

GO > 2 V | SSM | START STOP | CAN BUS | 7 STEP Pb | 8 STEP LiFePO4



S SAE Connector

1.45 m 0.45 m 0.45 m ØM6

069282

GYSFLASH 18.12 PL

7/12/18 A

GO > 2 V | SSM | START STOP | 8 STEP LiFePO4 | 7 STEP Pb



A ANDERSON Connector

1.9 m (4 mm2)

026926

GYSFLASH 30.12 PL

7/15/30 A

GO > 2 V | SSM | START STOP | 8 STEP LiFePO4 | 7 STEP Pb



A ANDERSON Connector

1.9 m (4 mm2)

029668
GB: 026070

GYSFLASH 32.12 PL

7/15/30 A

GO > 2 V | SSM | START STOP | 8 STEP LiFePO4 | 7 STEP Pb | SC



2,5 m - 6 mm2
027381

12 / 24 V

GYSFLASH 20.12/24 PL

7/15/20 A

GO > 2 V | SSM | START STOP | 8 STEP LiFePO4 | 7 STEP Pb



A ANDERSON Connector

1.9 m (4 mm2)

026049
GB: 027558

GYSFLASH 15.24 XTREM

15 A

GO > 2 V | SSM | START STOP | SC | 7 STEP Pb | 8 STEP LiFePO4



Double insulation

ROBUST & SAFE 2 pts connection

5 m - 4 mm2
025813

PATENTS REGISTERED NUMBERS 002280008 & 002279927
EUROPEAN TRADEMARK & DESIGN

		50 / 60 Hz		Power	I_{charge}	V	Charge	Maintenance	Z_z	Ondulation/ Ripple	Charging curve		IP		
DESIGN GYS FRANCE	GYSFLASH 1.12 PL	220-240 V AC	2 m	20 W	1 A	12 V	2 › 32 Ah (Pb) 0.5 › 20 Ah (LiFePO4)	2 › 100 Ah (Pb) 0,5 › 50 Ah (LiFePO4)	<0.4 Ah/ month	<150 mV Rms	IUoU	7 step (Pb) 8 step (LiFePo4)	IP 65	0,69 kg	170 × 90 × 51 mm
	GYSFLASH 1.12 PL S	100-127 V AC													
MADE IN GYS CHINA	GYSFLASH 8.12 PL	220-240 V AC	2 m	130 W	1/4/8 A	12 V	15 › 160Ah (Pb) 1.2 › 160 Ah (LiFePO4)	15 › 240Ah (Pb) 1.2 › 240 Ah (LiFePO4)	<0.4 Ah/ month	<150 mV Rms	IUoU	7 step (Pb) 8 step (LiFePo4)	IP 65	0,85 kg	190 × 100 × 52 mm
MADE IN FRANCE	GYSFLASH 18.12 PL	220-240 V AC	2 m	300 W	7/12/18 A	12 V	15 › 270 Ah (Pb) 7 › 270 Ah (LiFePO4)		<0.5 Ah/ month	<100 mV Rms	IUoU	7 step (Pb) 8 step (LiFePo4)	IP 43	1,55 kg	190 × 190 × 73 mm

PATENTS REGISTERED NUMBERS 002280008 & 002279927
EUROPEAN TRADEMARK & DESIGN

		50 / 60 Hz		Power	I_{charge}	V	Charge	Maintenance	Z_z	Ondulation/ Ripple	Charging curve		IP		
MADE IN FRANCE	GYSFLASH 30.12 PL	220-240 V AC	2 m	500 W	7/15/30 A	12 V	15 › 375 Ah (Pb) 7 › 375 Ah (LiFePO4)		<0.5 Ah/month	<150 mV Rms	IUoU	7 step (Pb) 8 step (LiFePo4)	IP 43	1,85 kg	190×190 ×73 mm
	GYSFLASH 32.12 PL	230 V	2.5 m	500 W	7/15/30 A	12 V	10 › 400 Ah		<0.5 Ah/month	<150 mV Rms	IUoU	—	IP 23	4,7 kg	80 × 250 × 200 mm
	GYSFLASH 20.12/24 PL	220-240 V AC	2 m	500 W	7/15/20 A	12 V	15 › 300 Ah (Pb) 7 › 300 Ah (LiFePO4)		<1 Ah/month	<150 mV Rms	IUoU	7 step (Pb) 8 step (LiFePo4)	IP 43	1,85 kg	190×190 ×73 mm
					7/15 A	24 V	15 › 240 Ah (Pb) 7 › 240 Ah (LiFePO4)								
	GYSFLASH 15.24 XTREM	230 V	2.5 m	500 W	7/10/15 A	12/24 V	5 › 240 Ah		<1 Ah/month	<150 mV Rms	IUoU	—	IP 65	5.4 kg	75 × 250 × 210 mm

CHARGERS Pb/Lithium

SMART HF INVERTER

LiFePO4 / Li-ion / Li-Po / NMC / LCO / MCO / NCA…

ELECTRICAL MOBILITY

GYSFLASH TECHNOLOGY

SSM

Mémorisation des réglages. Redémarrage automatique en cas de coupure électrique.

Save and load settings. Automatic restart in case of power cut.

Einstellungsspeicherung. Automatisches Starten nach einem Netzausfall.

START STOP **Start/stop Engine :**
Compatible véhicules Start/Stop.
Compatible with Start/Stop vehicles.
Geeignet für START-STOP- Fahrzeuge.

Auto Recovery : Récupération des éléments des batteries profondément déchargées (mini 2V) et/ou sulfatées.

Auto Recovery : Recovers deeply discharged (min 2V) and/or sulfated batteries.

Auto Recovery: Wiederherstellung der Zellen bei tiefentladenen bzw. sulfatierten Batterien (min. 2V).

t°

Équipé d'un capteur haute sensibilité, le Gysflash ajuste automatiquement les paramètres de charge en fonction de la température ambiante.

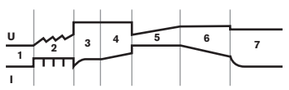
Fitted with a highly sensitive sensor, Gysflash automatically adjusts the charge based on ambient temperature.

Ausgestattet mit einem hochempfindlichen Sensor stellt das GYSFLASH automatisch die Ladeparameter der Umgebungstemperatur entsprechend ein.

SMART CHARGE 7 STEP / 8 STEP LiFePO4

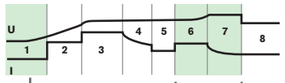
Pb

1. Status analysis
2. Recovery
3. Test desulfation
4. Desulfation
5. Fast charge 80%
6. Absorption
7. Floating 100%



LiFePO4 (LFP) / Li-ion

1. UVP Wake up - Status analysis
2. Recovery
3. Fast charge 90%
4. Absorption 95%
5. Test
6. Completion
7. Equalization
8. Floating 100%



UVP Wake up (Under Voltage Protection)
Réactivation de la batterie en protection UVP.
Battery reactivation when in UVP protection.
Reaktivierung der Batterie mit UVP-Schutz.

Equalizing Balancing System
Équilibrage des cellules.
Balancing of the battery cells.
Ausgleich der Batteriezellen.

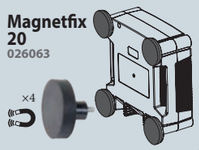






OPTION

Magnetfix 20
026063



24 V • ELECTRICAL MOBILITY

GYSFLASH 6.24 PL

6 A | GO > 2 V

GO > 2 V | SSM | t°

7 STEP Pb | 8 STEP LiFePO4 | 8 STEP Li-ion

S **SAE Connector**



027398



48 V • INDUSTRY / ELECTRICAL MOBILITY • 36 / 48 V

GYSFLASH 3.48 PL

3 A | GO > 5 V

GO > 5 V | SSM | t°

7 STEP Pb | 8 STEP LiFePO4 | 8 STEP Li-ion

S **SAE Connector**



027893

GYSFLASH 10.36/48 PL

10 A | GO > 5 V

GO > 5 V | SSM | t°

7 STEP Pb | 8 STEP LiFePO4 | 8 STEP Li-ion

A **ANDERSON Connector**



027060



DESIGN GYS FRANCE	PATENTS REGISTERED NUMBERS 002280008 & 002279927 EUROPEAN TRADEMARK & DESIGN	50 / 60 Hz		Power	I_{charge}	V	n cell Pb	n cell LFP	n cell NMC	Charge	Maintenance		Ondulation/Ripple	Charging curve		IP		
MADE IN GYS CHINA	**GYSFLASH 6.24 PL**	220-240 V AC	2 m	190 W	**6 A**	**24 V**	12	8	6	15 › 125 Ah (Pb) 2 › 125 Ah (Li)	15 › 170 Ah (Pb) 2 › 170 Ah (Li)	<0.4 Ah /month	<150 mV Rms	IUoU	7 step (Pb) 8 step (Li)	IP 65	1,1 kg	221×111×58 mm
	GYSFLASH 3.48 PL	220-240 V AC	2 m	195 W	**3 A**	**48 V**	24	15/16	13/14	6 › 60 Ah 3 › 60 Ah	6 › 85 Ah 3 › 85 Ah	<0.4 Ah /month	<150 mV Rms	IUoU	7 step (Pb) 8 step (Li)	IP 65	1,1 kg	221×111×58 mm
MADE IN FRANCE	**GYSFLASH 10.36/48 PL**	220-240 V AC	2 m	500 W	**10 A**	**36 V**	18	12	9	20 › 230 Ah (Pb) 10 › 230 Ah (Li)	20 › 230 Ah (Pb) 10 › 230 Ah (Li)	<0.4 Ah /month	<150 mV Rms	IUoU	7 step (Pb) 8 step (Li)	IP 43	1,85 kg	190×190×73 mm
					8 A	**48 V**	24	15/16	13/14	15 › 160 Ah (Pb) 8 › 160 Ah (Li)	15 › 160 Ah (Pb) 8 › 160 Ah (Li)							

ELECTRICAL MOBILITY

MOBILITY





SAE CONNECTOR **S3**
027428

OUTDOOR





ANDERSON CONNECTOR
A3
027855



SAE CONNECTOR **S4**
027442



SAE CONNECTOR **S3**
027428

INDUSTRY





SAE CONNECTOR **S5**
027473

MEDICAL





SAE CONNECTOR **S3**
027428

CONNECTORS

Une solution complète • A complete solution • Eine Komplettlösung





F Flash Connector

GYSFLASH ≤ 6A : 1.12 / 4.12 / 6.12 / 6 Heritage / 6.24 / 1.12 Li / 6.12 Li / 1.12 PL



F1 / Clamps
L 0.45 m (1.3 mm2)
All
026889

F2 / Charge indicator
L 0.56 m (1.3 mm2)
All 12V LEAD
029149

F3 / Eyelets
ø M6 L 0.45 m (1.3 mm2)
All 12V
029194
ø M8 L 0.45 m (1.3 mm2)
24V 36V 48V
027626

F4 / Charge indicator eyelets
ø M6 L 0.56 m (1.3 mm2)
All 12V LEAD
029200

F5 / Cigarette lighter
L 0.45 m (0.82 mm2)
029439

F6 / Cable
L 2.50 m (1.3 mm2)
All
029057

F7 / Connector MLX
L 0.45 m (1.3 mm2)
027589

F8 Adapter S / F - F / S
L 0.45 m (1.3 mm2)
027480

F9 Adapter F / A
L 0.45 m (1.3 mm2)
025820



S SAE Connector

GYSFLASH < 16A : 8.12 PL / 12.12 / 9.24 / 6.24 / 3.48 PL



S1 / Clamps
L 1.50 m (1.3 mm2)
All
+Showroom Gysflash 1212
027688

S2 / Eyelets
ø M6 L 0.45 m (1.3 mm2)
12V 24V
027466
ø M8 L 0.45 m (1.3 mm2)
24V 36V 48V
027633
ø M10 L 0.45 m (1.3 mm2)
36V 48V
027640

S3 / XLR 3 pin
L 0.45 m (1.3 mm2)
027428

S4 / T-Bar
L 0.45 m (1.3 mm2)
027442

S5 Adapter S / A
L 0.45 m (1.3 mm2)
027473

S6 KIT SAE / JACK (max 5 A)
L 0.45 m (1.3 mm2)
025646

S7 / Cigarette lighter
Only for 8.12 PL
L 0.45 m (1.3 mm2)
10 A max
077331

S8 / Cable
L 2.5 m (4 mm²)
077348



A ANDERSON Connector

GYSFLASH < 40A : 18.12 PL / 30.12 PL / 20.12-24 PL / 10.36-48 PL



A1 / Clamps
All
L 1.90 m (4 mm2) 026094
L 6 m (4 mm2) 027435

A2 / Eyelets

4 mm2	ø M6 L 0.40 m	ø M8 L 0.40 m	ø M8 L 1.90 m	ø M10 L 0.40 m
	12V 24V	24V 36V 48V	24V 36V 48V	36V 48V
	027657	027664	027794	027671

A3 / Anderson
L 1.5 m (4 mm2)
027855



XTREM CABLES

GYSFLASH 15.24 XTREM



2pts/NATO Spiral
5 m
028968

2pts/NATO
5 m - 4 mm²
025837

2pts/DIN14690
Emergency vehicule 5 m
028777

SELECT THE RIGHT GYSFLASH

CHOISISSEZ VOTRE GYSFLASH • WÄHLEN SIE IHR GYSFLASH AUS

SPECIAL PROJECT - CONTACT US

GYSFLASH	6V	12V	24V	36V	48V	MEDICAL SERVICE - LEISURE	MOTORBIKE LIGHT MOBILITY	AUTO - CAMPER VAN - TRUCK	MARINE	INDUSTRY	URBAN
Pb											
1.12								M			
1.12 PL								M			
4.12								M M	M		
6.12								M	M		
8.12		12V						M			
8.12 PL								M			
12.12											
18.12 PL											
30.12 PL											
6 Heritage	6V	12V						M	M		
6.24 PL			24V								
20.12/24 PL		12V	24V								
6.24	6V	12V	24V			M		M	M		
9.24	6V	12V	24V					M	M		
3/48 PL					48V						
10.36/48 PL				36V	48V						
LiFePO4											
1.12 Lithium								M			
1.12 PL								M			
6.12 Lithium		12V									
8.12 PL		12V									
18.12 PL		12V									
30.12 PL		12V									
6.24 PL			24V								
20.12/24 PL		12V	24V								
3/48 PL					48V						
10.36/48 PL				36V	48V						
Li-ion											
6.24 PL			24V								
3/48 PL					48V						
10.36/48 PL				36V	48V						

M = maintenance only

SPECIAL PROJECT - CONTACT US

Contact us for special projects. Quick customization : CAN BUS / CAN Open / J1939 / NMEA 2000 / R5485 / SM BVS / Automation / Relays...

SC SMART COOLING TECHNOLOGY

100% DUST PROOF

SILENT

HIGH EFFICENCY Up to 15% Energy Saving 93%

EMC class B

ALU RUST PROTECTION

ULTRA LIGHTWEIGHT

VIBRATION & SHOCK RESISTANT

-25 / +60°C

GYSFLASH PL-E TECHNOLOGIES

SSM Mémorisation des réglages. Redémarrage automatique en cas de coupure électrique.

Save and load settings. Automatic restart in the event of a power cut.

Einstellungsspeicherung. Automatisches Starten nach einem Netzausfall.

Auto Recovery : Récupération des éléments des batteries profondément déchargées (mini 2V) et/ou sulfatées.

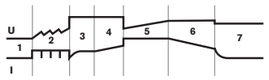
Auto Recovery : Recovers deeply discharged (min 2V) and/or sulfated batteries.

Auto Recovery: Wiederherstellung der Zellen bei tiefentladenen bzw. sulfatierten Batterien (min. 2V).

SMART CHARGE

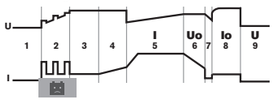
Pb

1. Status analysis
2. Recovery
3. Test desulfation
4. Desulfation
5. Fast charge 80%
6. Absorption
7. Floating 100%



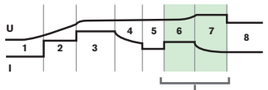
Pb TRACTION

1. Status analysis
2. Recovery
3. Sulphation test
4. Desulfation
5. Fast charge 80%
6. Absorption
7. Test Absorption
8. Refresh
9. Floating 100%



LiFePO4 (LFP) / Li-ion

1. Status analysis
2. Recovery
3. Fast charge 90%
4. Absorption 95%
5. Test
6. Completion
7. Equalization
8. Floating 100%



Equalizing Balancing System
Équilibrage des cellules.
Balancing of the battery cells.
Ausgleich der Batteriezellen.

OUTDOOR - LEISURE



MOBILITY



MARINE



AGRI



MEDICAL



PROFESSIONAL



INDUSTRY



GYSFLASH / GYSPOWER

ON BOARD CHARGERS
FOR Pb & LITHIUM BATTERIES

EMBARQUÉ ON BOARD

Pb — NMC / LCO / MCO / NCA...
Lithium — LiFePO4 / Li-ion / Li-Po

SSM

PFC POWER FACTOR CORRECTION 185 V 265 V (110 V 230 V)





12 V

GYSFLASH 18.12 PL-E	GYSFLASH 30.12 PL-E
18 A	30 A COMING SOON
Pb / LFP	Pb / LFP
025806	

24 V

GYSFLASH 15.24 PL-E
15 A
Pb / Traction / LFP / Li-ion
025943

36 V

GYSFLASH 10.36 PL-E
10 A COMING SOON
Pb / Traction / LFP / Li-ion
025950

48 V

GYSFLASH 8.48 PL-E
8 A COMING SOON
Pb / Traction / LFP / Li-ion

OPEN & CONNECT

cables not included



4 pts connector included 3G 0.75 › 2.5 mm2

3 pts connector included max 2.5 mm2 or AWG14

INCLUDED



Ø 5.5 mm

GYSFLASH 18.12 PL-E, 15.24 PL-E, 10.36 PL-E, 8.48 PL-E

Fixing Kit

INDUSTRIAL CHARGERS COMING SOON

PB / Traction / LFP / Li-ion
CAN BUS / CAN OPEN / J1939 / NMEA 2000 / R9485 / SM BVS

GYSPOWER 24 V : 15 A - 30 A - 50 A - 100 A
GYSPOWER 36 V : 10 A - 20 A - 30 A
GYSPOWER 48 V : 8 A - 25 A - 50 A

MADE IN FRANCE	50 / 60 Hz			START MINI	I max	25°C @100 %	40°C @100 %	50°C @100 %	60°C @100 %	Pb	LFP	Zz	Ondulation/ Ripple	IP		
GYSFLASH 18.12 PL-E	230 V	12 V	300 W	2 V	18 A	18 A	16 A	14 A	12.5 A	36 › 270 Ah	18 › 270 Ah	<0.4 Ah/month	<150 mV Rms	20	21.5 × 7 × 17.5 cm	1.3 kg
GYSFLASH 30.12 PL-E	230 V	12 V	500 W	2 V	30 A	30 A	27 A	23 A	18 A	60 › 400 Ah	30 › 400 Ah	<0.4 Ah/month	<150 mV Rms	20	21.5 × 8 × 17.5 cm	1.6 kg
GYSFLASH 15.24 PL-E	230 V	24 V	500 W	2 V	15 A	15 A	13.5 A	11.5 A	9 A	30 › 240 Ah	15 › 240 Ah	<0.4 Ah/month	<150 mV Rms	20	21.5 × 8 × 17.5 cm	1.6 kg
GYSFLASH 10.36 PL-E	230 V	36 V	500 W	2 V	10 A	10 A	9 A	7.5 A	6 A	20 › 230 Ah	10 › 230 Ah	<0.4 Ah/month	<150 mV Rms	20	21.5 × 8 × 17.5 cm	1.6 kg
GYSFLASH 8.48 PL-E	230 V	48 V	500 W	2 V	8 A	8 A	7 A	6 A	5 A	15 › 160 Ah	8 › 160 Ah	<0.4 Ah/month	<150 mV Rms	20	21.5 × 8 × 17.5 cm	1.6 kg

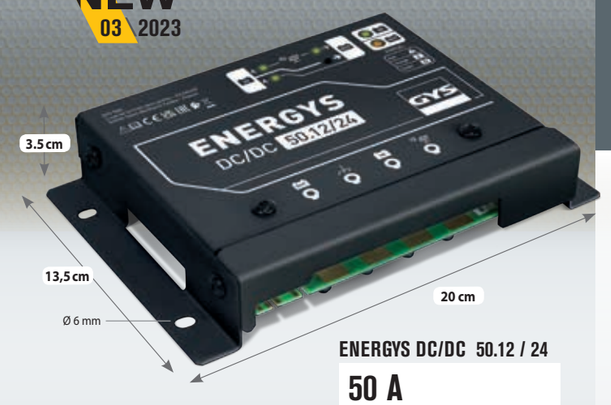
ENERGYS

POWER INVERTER
DC › DC REVERSIBLE

EMBARQUÉ ON BOARD

Pb — Liquid / Gel, AGM
Lithium — LiFePO4

NEW 03 2023



ENERGYS DC/DC 50.12 / 24

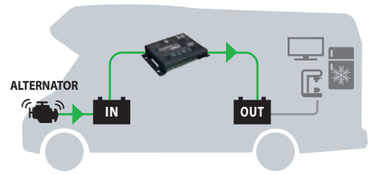
50 A

072534

	U input	U output	I output	POWER	EFFICIENCY	Zz	T° USE	OUTPUT	mm	g
ENERGYS DC/DC 50.12/24	10-32 V	0-32 V	50 A	1500 W	98 %	<1 mA	50 °C	6 mm² min	135 × 35 × 200	520

EURO 6 STANDARD

when starting the vehicle



OPEN & CONNECT



4 pts connector included 0.75 › 2.5 mm2

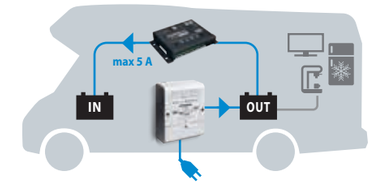
Connector included min 6 mm2 or AWG9

cables not included

DOUBLE CHARGING

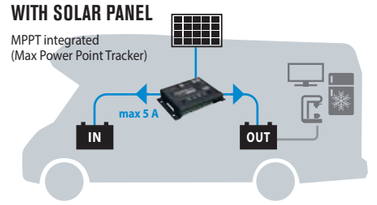
vehicle stopped

WITH GYSFLASH



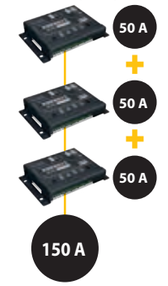
WITH SOLAR PANEL

MPPT integrated
(Max Power Point Tracker)



MORE OUTPUT POWER

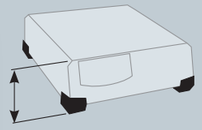
PARALLEL CHARGING



BSU & CHARGERS

BATTERY SUPPORT UNIT

YouTube
PLAYLIST GYSFLASH PRO



PFC POWER FACTOR CORRECTION

FV FLEXIBLE VOLTAGE
85 V — 265 V
110 V 230 V



22 languages

GB DK CZ
FR FI PL
DE TR SK
NL HR UA
ES GR
PT HU
IT CN simplified
RU CN traditional
SE JP

SC SMART COOLING TECHNOLOGY

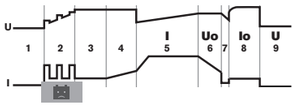
100% DUST PROOF



SILENT

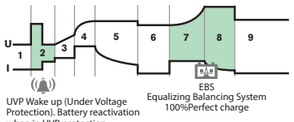
SMART 9 STEP

Pb



1. Status analysis
2. Recovery
3. Sulphation test
4. Desulfation
5. Fast charge 80%
6. Absorption
7. Test Absorption
8. Refresh
9. Floating 100%

LiFePO4



UVP Wake up (Under Voltage Protection). Battery reactivation when in UVP protection

EBS Equalizing Balancing System 100%Perfect charge

1. Status analysis
2. UVP Wake Up
3. Recovery
4. Fast charge 90%
5. Absorption 95%
6. Test
7. Completion
8. Equalization
9. Floating 100%

CHARGE

Pb AUTOMOTIVE

- ✓ GEL
- ✓ AGM
- ✓ LIQUID
- ✓ EASY
- ✓ EXPERT

Pb TRACTION

- ✓ GEL
- ✓ LIQUID

LITHIUM READY

- ✓ LFP/LiFePO4

BSU

DIAG +



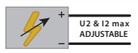
SHOWROOM



CHANGE BATTERY



POWER SUPPLY









12 V

GYSFLASH 30.12
30 A
PFC SC
2,5 m - 6 mm2
029224

GYSFLASH 50.12 FV
50 A
PFC FV SC
1 044 40004
2,5 m - 10 mm2
026056

GYSFLASH 100.12
100 A
PFC SC
2,5 m - 16 mm2
029071
: 029453
5 m - 16 mm²
029415
: 029002

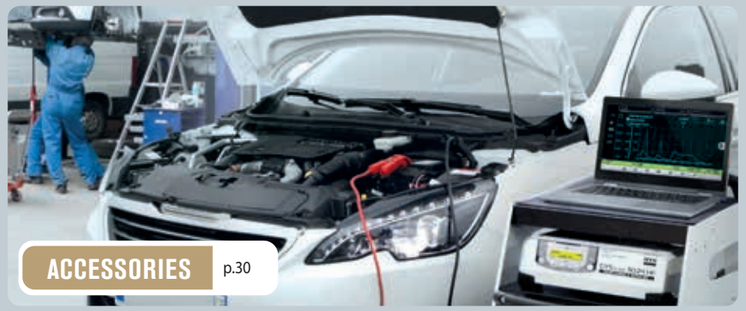
6 / 12 / 24 V

GYSFLASH 30.24
30 A
PFC SC
2,5 m - 6 mm2
029231

GYSFLASH 50.24
50 A
PFC SC
2,5 m - 10 mm2
029095
5 m - 16 mm2
029620

12 V

GYSFLASH 102.12
100 A
PFC SC
5 m - 16 mm2
029606



MADE IN FRANCE	50 / 60 Hz	L	mm²			START MINI	I max	25°C @100 %	40°C @100 %		TRACTION BATTERIES	SHOWROOM CONNECT	IP		
GYSFLASH 30.12	185 › 265 V	2,5 m	6	12 V	540 W	2 V	30 A	30 A	30 A	10 › 400 Ah	—	Ø M6	21	25,5 × 10,5 × 23 cm	4.9 kg
GYSFLASH 50.12 FV	85 › 265 V	2,5 m	10	12 V	850 W	2 V	50 A	50 A	40 A	10 › 600 Ah	—	Ø M6	21	30 × 10,5 × 29 cm	6.6 kg
GYSFLASH 100.12	185 › 265 V	2,5 m 5 m	16	12 V	1600 W	2 V	100 A	75 A	66 A	20 › 1200 Ah	—	Ø M6	21	32 × 10,5 × 29.2 cm	7.4 kg 8.3 kg
GYSFLASH 30.24	185 › 265 V	2,5 m	6	6 V 12 V 24 V	540 W	2 V	30 A 30 A 15 A	30 A 30 A 15 A	30 A 30 A 15 A	10 › 400 Ah 10 › 200 Ah	•	Ø M6	21	25,5 × 10,5 × 23 cm	4.9 kg
GYSFLASH 50.24	185 › 265 V	2,5 m 5 m	10 16	6 V 12 V 24 V	1600 W	2 V	50 A	50 A 50 A 45 A	45 A 40 A 35 A	10 › 600 Ah	•	Ø M6	21	30 × 10,5 × 29.2 cm	6.6 kg 7.9 kg
GYSFLASH 102.12	185 › 265 V	5 m	16	12 V	1600 W	2V	100 A	75 A	66 A	20 › 1200 Ah	—	Ø M6	21	12 × 34,5 × 29,5 cm	9.1 kg

BSU & CHARGERS

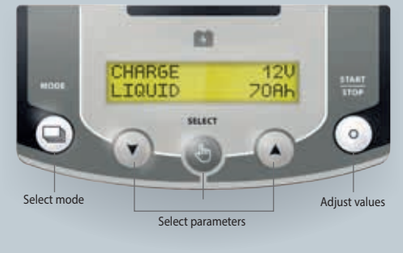
BATTERY SUPPORT UNIT

CNT
Connected
Technology

FULL CUSTOMIZABLE
› p.26

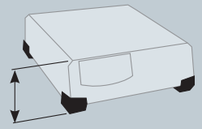
PFC **POWER FACTOR CORRECTION**

FV **FLEXIBLE VOLTAGE**
85 V — 265 V
110 V 230 V



22 languages

GB	RU	GR	CN simplified
FR	SE	CZ	CN traditional
DE	DK	PL	JP
NL	FI	SK	
ES	TR	UA	
PT	HR		
IT	HU		



10.5 cm
51.12 CNT
101.12 CNT

13 cm
121.12 CNT FV
125.12CNT FV
101.24 CNT FV
51.48 CNT FV

12V (factory preset)
24V READY
Use custom configuration tool
(detail p.26)

IP 41 > 1mm



IP 40 > 1mm



12 V

GYSFLASH 51.12 CNT FV
50 A
PFC FV SC CNT
2,5 m - 10 mm2
068179



GYSFLASH 101.12 CNT
100 A
PFC SC CNT
2,5 m - 16 mm²
025790
5 m - 16 mm²
026988



GYSFLASH 121.12 CNT FV
120 A
PFC FV CNT
5 m - 25 mm²
026971
: 027756
: 071605



GYSFLASH 125.12 CNT FV
120 A (120 A @ 100%)
PFC FV CNT
5 m - 25 mm2
028883



6 / 12 / 24 V

GYSFLASH 101.24 CNT FV
100 A
PFC FV CNT
5 m - 25 mm2
025967



6 / 12 / 24 / 36 / 48 V

GYSFLASH 51.48 CNT FV
50 A
PFC FV CNT
5 m - 16 mm2
072015



SC
SMART COOLING TECHNOLOGY

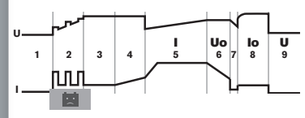
100% DUST PROOF



SILENT

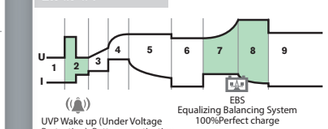
SMART 9 STEP

Pb



1. Status analysis
2. Recovery
3. Sulphation test
4. Desulfation
5. Fast charge 80%
6. Absorption
7. Test Absorption
8. Refresh
9. Floating 100%

LiFePO4



1. Status analysis
2. UVP Wake Up
3. Recovery
4. Fast charge 90%
5. Absorption 95%
6. Test
7. Completion
8. Equalization
9. Floating 100%

CHARGE (150 CURVES CAPACITY)

Pb AUTOMOTIVE
- ✓ GEL
- ✓ AGM
- ✓ LIQUID
- ✓ EASY
- ✓ EXPERT
- ☑ NORMAL
- ☑ BOOST
- ☑ RECOVERY+
- ☑ and more

Pb TRACTION
- ✓ GEL
- ✓ LIQUID
- ☑ and more

LITHIUM READY
- ✓ LFP/LiFePO4
- ☑ LI-ION STD
- ☑ LFP CELL+
- ☑ LI-ION CELL+
- ☑ and more

BSU (15 CURVES CAPACITY)

- DIAG + — U2 ADJUSTABLE
- SHOWROOM
- CHANGE BATTERY
- POWER SUPPLY — U2 & I2 max ADJUSTABLE
- AND MORE

☑ TEST
- ☑ VOLTAGE
- ☑ START UP
- ☑ ALTERNATOR

☑ STARTER
- ☑ START

CNT
Connected Modules & Technology
p.26



MADE IN FRANCE	50 / 60 Hz	L ↔	mm²			START MINI	I max	25°C @100 %	40°C @ 100 %		TRACTION BATTERIES	SHOWROOM CONNECT	IP		
GYSFLASH 51.12 CNT FV	85 › 265 V	2,5 m	10	12 V	850 W	1 V	50 A	50 A	40 A	10 › 600 Ah	•	Ø M6	41	30 × 10,5 × 29 cm	6.8 kg
				24 V			25 A	25 A	20 A	10 › 300 Ah					
GYSFLASH 101.12 CNT	185 › 265 V	2,5 m	16	12 V	1600 W	1 V	100 A	75 A	66 A	20 › 1200Ah	•	Ø M6	21	32 × 10,5 × 29,2 cm	7.5 kg
		5 m													8.3 kg
GYSFLASH 121.12 CNT FV	85> 265 V	5 m	25	12 V	2000 W	1 V	110 V : 100 A 230 V : 120 A	75 A 110 A	55 A 90 A	20 › 1200Ah	•	Ø M6	20	31 × 13 × 26 cm	10.4 kg
GYSFLASH 125.12 CNT FV	85> 265 V	5 m	25	12 V	2000 W	1 V	110 V : 100 A 230 V : 120 A	100 A 120 A	77 A 116 A	20 › 1200Ah	•	Ø M6	40	31 × 13 × 26 cm	10.9 kg
GYSFLASH 101.24 CNT FV	85> 265 V	5 m	25	6/12 V	3200 W	1 V	110 V : 100 A 230 V : 100 A	72 A 89 A	47 A 68 A	20 › 1200Ah	•	Ø M6	20	31 × 13 × 26 cm	10.6 kg
				24 V			110 V : 50 A 230 V : 100 A	50 A 76 A	35 A 59 A						
GYSFLASH 51.48 CNT FV	85> 265 V	5 m	16	6/12/24 V	3200 W	1 V	110 V : 50 A 230 V : 50 A	50 A 50 A	28 A 41 A	10 › 600 Ah	•	Ø M6	20	31 × 13 × 26 cm	8.1 kg
				36/48 V			110 V : 25 A 230 V : 50 A	26 A 48 A	20 A 37 A						

BSU & CHARGERS

BATTERY SUPPORT UNIT

CNT
Connected
Technology

FULL CUSTOMIZABLE
› p.26



22 languages

GB	NL	IT	DK	HR	PL	UA	CN simplified
FR	ES	RU	FI	GR	SK		CN traditional
DE	PT	SE	TR	CZ	HU		JP

PFC POWER FACTOR CORRECTION

FV FLEXIBLE VOLTAGE

85 V — 265 V
110 V — 230 V



NEW 01 2023





12 V

GYSFLASH 103.12 CNT

100 A

PFC SC CNT

5 m - 16 mm2
072008



GYSFLASH 123.12 CNT FV

120 A

PFC FV CNT

5 m - 25 mm2
025677



6 / 12 / 24 V

GYSFLASH 103.24 CNT FV

100 A

PFC FV CNT

5 m - 25 mm2
025684



6 / 12 / 24 / 36 / 48 V

GYSFLASH 25.48 CNT FV

25 A

PFC FV CNT

5 m - 16 mm2
075962



GYSFLASH 53.48 CNT FV

50 A

PFC FV CNT

5 m - 16 mm2
025998



SC

SMART COOLING TECHNOLOGY

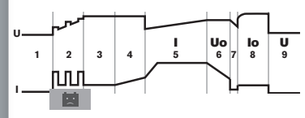
100% DUST PROOF



SILENT

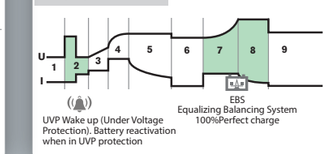
SMART 9 STEP

Pb



1. Status analysis
2. Recovery
3. Sulphation test
4. Desulfation
5. Fast charge 80%
6. Absorption
7. Test Absorption
8. Refresh
9. Floating 100%

LiFePO4



1. Status analysis
2. UVP Wake Up
3. Recovery
4. Fast charge 90%
5. Absorption 95%
6. Test
7. Completion
8. Equalization
9. Floating 100%

CHARGE (150 CURVES CAPACITY)

Pb AUTOMOTIVE

- ✓ GEL
- ✓ AGM
- ✓ LIQUID
- ✓ EASY
- ✓ EXPERT
- ☑ NORMAL
- ☑ BOOST
- ☑ RECOVERY+
- ☑ and more

Pb TRACTION

- ✓ GEL
- ✓ LIQUID
- ☑ and more

LITHIUM READY

- ✓ LFP/LiFePO4
- ☑ LI-ION STD
- ☑ LFP CELL+
- ☑ LI-ION CELL+
- ☑ and more

BSU (15 CURVES CAPACITY)

DIAG +



SHOWROOM



CHANGE BATTERY



POWER SUPPLY



AND MORE

☑ TEST

- ☑ VOLTAGE
- ☑ START UP
- ☑ ALTERNATOR

☑ STARTER

- ☑ START

CNT

Connected Modules & Technology
p.26



MADE IN FRANCE	50 / 60 Hz	L ↔	mm²			START MINI	I max	25°C @100 %	40°C @ 100 %		TRACTION BATTERIES	SHOWROOM CONNECT	IP		
GYSFLASH 103.12 CNT	185 › 265 V	5 m	16	12 V	1600 W	1 V	100 A	75 A	66 A	20 › 1200 Ah	—	Ø M6	21	12 × 34.5 × 29.5 cm	9.1 kg
GYSFLASH 123.12 CNT FV	85 › 265 V	5 m	25	12 V	2000 W	1 V	110 V : 100 A 230 V : 120 A	100 A 120 A	85 A 120 A	20 › 1200 Ah	•	Ø M6	30	34 × 25 × 15 cm	11 kg
GYSFLASH 103.24 CNT FV	85 › 265 V	5 m	25	6/12 V 24 V	3200 W	1 V	110 V : 100 A 230 V : 100 A 110 V : 50 A 230 V : 100 A	100 A 100 A 50 A 95 A	68 A 79 A 47 A 72 A	20 › 1200 Ah	•	Ø M6	30	34 × 25 × 15 cm	11 kg
GYSFLASH 25.48 CNT FV	85 › 265 V	5 m	10	6/12/24/ 36/48 V	1600 W	1 V	110 V : 12 A 230 V : 25 A	NC	NC	10 › 300 Ah	•	Ø M6	21	12 × 34.5 × 29.5 cm	NC
GYSFLASH 53.48 CNT FV	85 › 265 V	5 m	16	6/12/24 V 36/48 V	3200 W	1 V	110 V : 50 A 230 V : 50 A 110 V : 25 A 230 V : 50 A	50 A 50 A 26 A 48 A	28 A 41 A 20 A 37 A	10 › 600 Ah	•	Ø M6	30	34 × 25 × 15 cm	9,5 kg

BSU & CHARGERS

BATTERY SUPPORT UNIT

CNT Connected Technology

FULL CUSTOMIZABLE › p.26

PFC POWER FACTOR CORRECTION

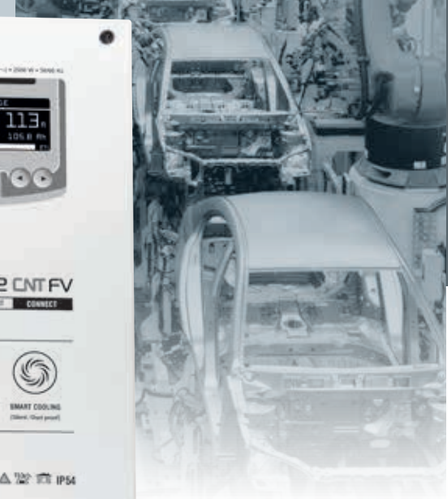
FV FLEXIBLE VOLTAGE
85 V — 265 V
110 V — 230 V
GYSFLASH 148.12 CNT FV

FV FLEXIBLE VOLTAGE
320V — 520V
400 V — 480 V
GYSFLASH 158.12 CNT FV



22 languages

GB	DK	CN simplified
FR	FI	CN traditional
DE	TR	JP
NL	HR	
ES	GR	
PT	CZ	
IT	PL	
RU	SK	
SE	UA	
HU		



NEW



Screw Fixation

Main power supply | On/Off | I/O | Smart Module Connector | USB

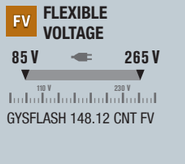
IP 54

DUST & SPLASH PROTECTION

NATURAL CONVECTION

t° ↘





NEW



Screw Fixation

On/Off | Main power supply | I/O | Smart Module Connector | USB



12 V

YouTube
PLAYLIST
CNT TECHNOLOGY

GYSFLASH 148.12 CNT FV

145 A | 1 ~

PFC FV CNT



5 m - 25 mm2
069916

GYSFLASH 158.12 CNT FV

150 A | 3 ~

FV CNT



5 m - 25 mm2
069909

SC SMART COOLING TECHNOLOGY

100% DUST PROOF

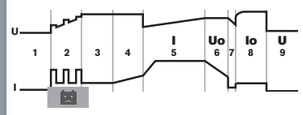


SILENT



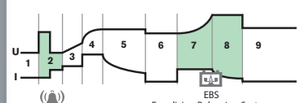
SMART 9 STEP

Pb



1. Status analysis
2. Recovery
3. Sulphation test
4. Desulfation
5. Fast charge 80%
6. Absorption
7. Test Absorption
8. Refresh
9. Floating 100%

LiFePO4



UVP Wake up (Under Voltage Protection). Battery reactivation when in UVP protection

1. Status analysis
2. UVP Wake Up
3. Recovery
4. Fast charge 90%
5. Absorption 95%
6. Test
7. Completion
8. Equalization
9. Floating 100%

CHARGE (150 CURVES CAPACITY)

Pb AUTOMOTIVE

- ✓ GEL
- ✓ AGM
- ✓ LIQUID
- ✓ EASY
- ✓ EXPERT
- ☑ NORMAL
- ☑ BOOST
- ☑ RECOVERY+
- ☑ and more

Pb TRACTION

- ✓ GEL
- ✓ LIQUID
- ☑ and more

LITHIUM READY

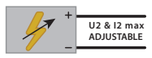
- ✓ LFP/LiFePO4
- ☑ LI-ION STD
- ☑ LFP CELL+
- ☑ LI-ION CELL+
- ☑ and more

BSU (15 CURVES CAPACITY)

DIAG +



POWER SUPPLY



AND MORE

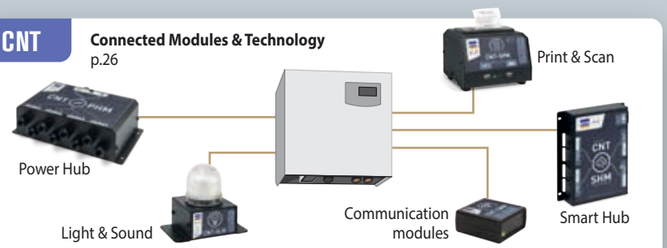
☑ TEST

- ☑ VOLTAGE
- ☑ START UP
- ☑ ALTERNATOR

☑ STARTER

- ☑ START

CNT Connected Modules & Technology p.26



I/O PLC connection



Contact us for use

MADE IN FRANCE	50 / 60 Hz	I ↔	mm²			START MINI	I max	25°C @100 %	40°C @ 100 %	60°C @ 100 %		TRACTION BATTERIES	SHOWROOM CONNECT	IP		
GYSFLASH 148.12 CNT FV	85 › 265 V	5 m	25	12 V	2500 W	1 V	110 V : 100 A 230 V : 145 A	100 A 134 A	90 A 116 A	62 A 88 A	20 › 1200 Ah 20 › 1800 Ah	•	Ø M6	54	376 × 145 × 296 mm	9.4 kg
GYSFLASH 158.12 CNT FV	320 › 520 V	5 m	25	12 V	2500 W	1 V	150 A	140 A	120 A	100 A	20 › 1800Ah	•	Ø M6	54	376 × 145 × 380 mm	10.3 kg

INDUSTRY / PRODUCTION

CNT TECHNOLOGY

CNT Connected Technology

GYFLASH CONFIGURATION

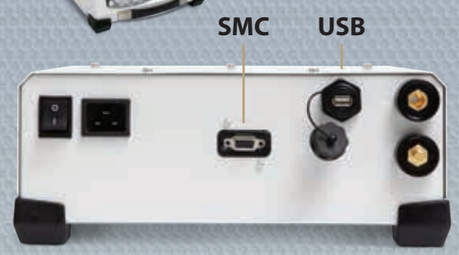
YouTube
PLAYLIST
CNT TECHNOLOGY



SPECIAL PROJECTS

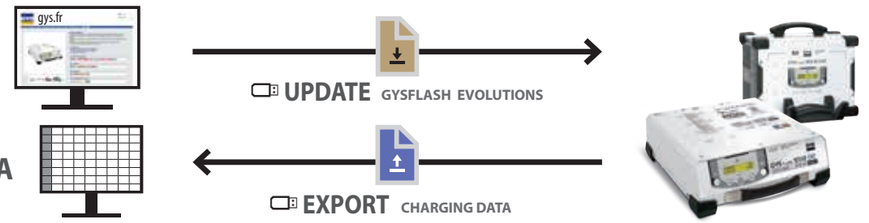
Contact us for special projects.

Quick Customization:
Modes, Curves, parameters...



SOFTWARE UPDATE / TRACEABILITY

LIFETIME EVOLUTION

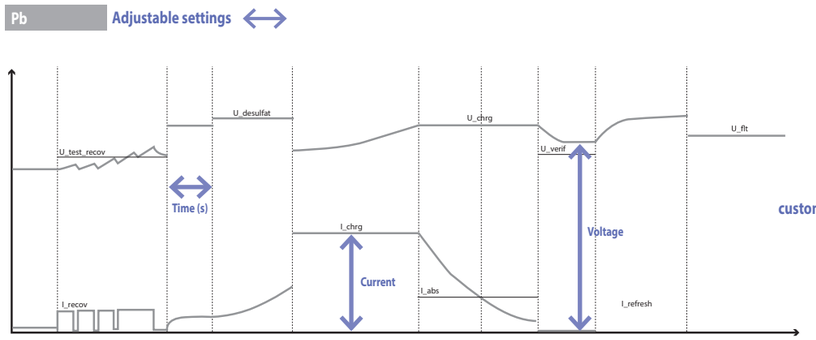




USB key 16 Gb
062344

DESIGN YOUR CHARGING CURVE

PRODUCT CONFIGURATION (CONFIG CURVE / LOGISTIC / CHARGING CURVE)





Full customisation

CNT MANAGER
- GYSFLASH parameters
- Custom curves
- Multi products management
- Import/export configurations

…



UPDATE
CUSTOM CONFIGURATION



Configuration file (gys.fr)	Applications	CHARGE MODE													POWER MODE							MISCELLANEOUS
		Pb-CHARGE							Li-CHARGE				TRACTION									
		normal	AGM	liquide	Easy	Boost	Recovery +	Ca / ca recov	LFP/LiFePO4	Li-ion std	LFP cell+	Li-ion cell+	water	gel	SHOWROOM	DIAG+	CHANGE BAT.	STARTER MODE	POWER SUPPLY	LI-SUPPLY/LFP	LI-SUPPLY/Li-ion	TESTER MODE
1_gys_original.gfc	Initial configuration of the charger	✓	✓	✓	✓				✓						✓	✓						✓
2_car_extended.gfc	Extensive features for garages	✓	✓	✓	✓	✓	✓	✓	✓						✓	✓	✓	✓	✓			✓
3_showroom_only.gfc	Simplified version for dealerships and demonstration vehicles														✓							
4_pro_lithium.gfc	Professional of lithium battery								✓	✓	✓	✓							✓	✓	✓	
5_traction.gfc	Forklift truck, electric pallet truck, stacker...												✓	✓								
6_full_version.gfc	Full version	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

CNT ACCESSORIES

CNT Connected Technology

UNIT MODULES

COMING SOON LoRa Sigfox CAN BUS and More...



SMART COMMUNICATION — INCLUDED

CNT-SUM
Smart USB Module
025974
USB micro A
69 × 68 × 29 mm / 85g

Computer / Diag System

SMC Cable 1 m 056596



NEW **CNT-SWM**
Smart Wireless Module
070837
Bluetooth
Wifi COMING SOON
69 × 68 × 29 mm / 85g

Computer / Diag System

SMC Cable 1 m 056596







NEW **CNT-SCM**
Smart Can Module



Scratch fixation

LIGHT & SOUND — INCLUDED

CNT-SLM
Smart Light Module
027978

65dB

Pb charge · Lithium charge · OK · Error

126 × 146 × 93 mm / 560g

SMC Cable 1 m 056596



Magnetic fixation

PRINT & SCAN — INCLUDED

CNT-SPM
Smart Printer Module
026919

140 × 105 × 133 mm / 1.4 kg



CRIT'AIR · Customer data · Battery data · Charge data

SMC Cable 1 m 056596



Standard roller x2
57mm x 7.5 m, Ø 25 mm
056633



OPTIONS

Support Barcode scanner 025745



USB Barcode scanner 1D/2D 027718



USB Keyboard

AZERTY 027725
QWERTY 027770

QWERTY compatibility



CNT Connected Technology

ACCESSORIES

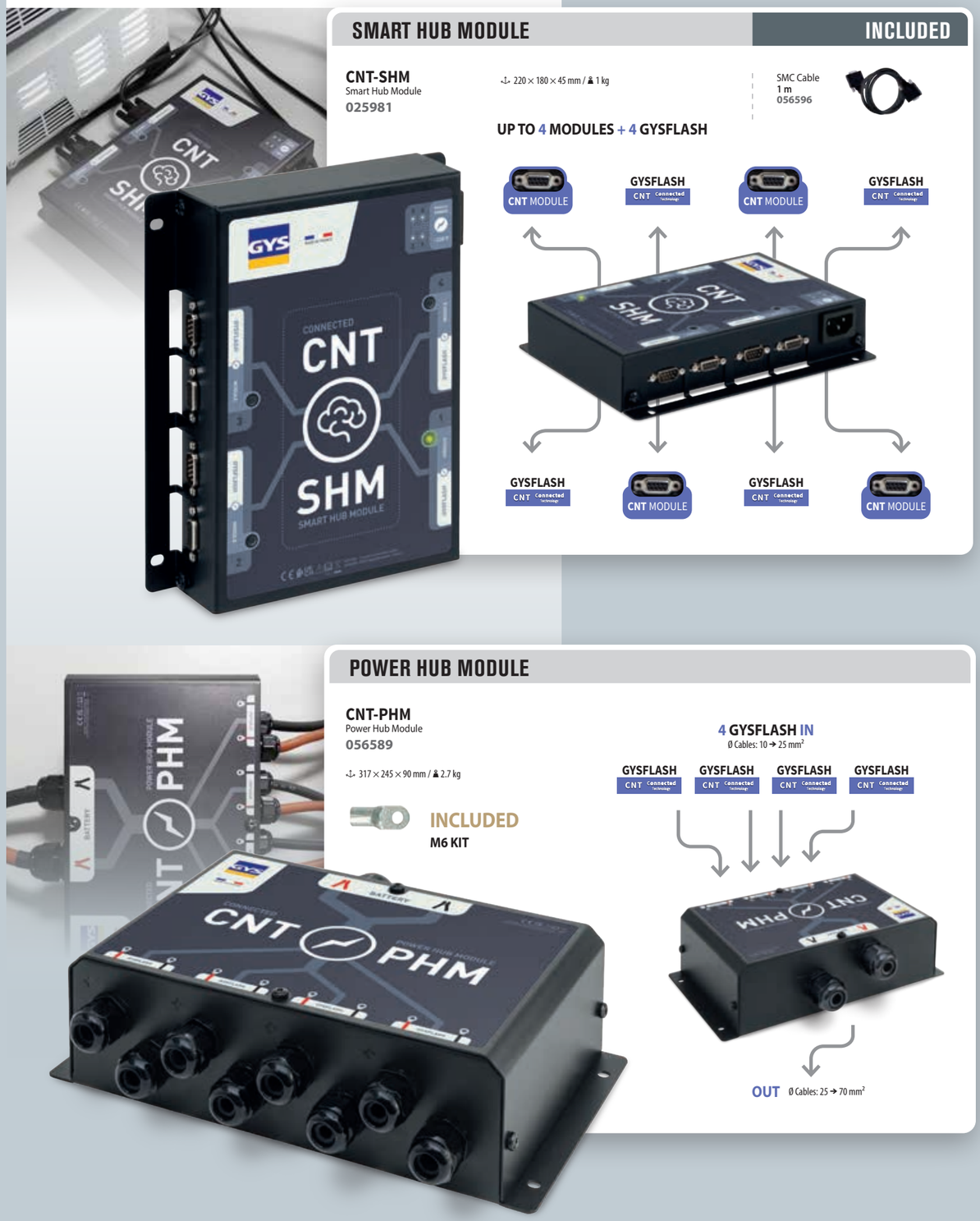
HUB MODULES

YouTube
PLAYLIST
CNT TECHNOLOGY

SMC CABLE

1 m
056596

3 m
025691



SMART HUB MODULE — INCLUDED

CNT-SHM
Smart Hub Module
025981

220 × 180 × 45 mm / 1 kg

SMC Cable
1 m
056596

UP TO 4 MODULES + 4 GYSFLASH

POWER HUB MODULE

CNT-PHM
Power Hub Module
056589

317 × 245 × 90 mm / 2.7 kg

INCLUDED
M6 KIT

4 GYSFLASH IN
Ø Cables: 10 → 25 mm²

OUT Ø Cables: 25 → 70 mm²

EXTREME MODULARITY

SINGLE MODULE



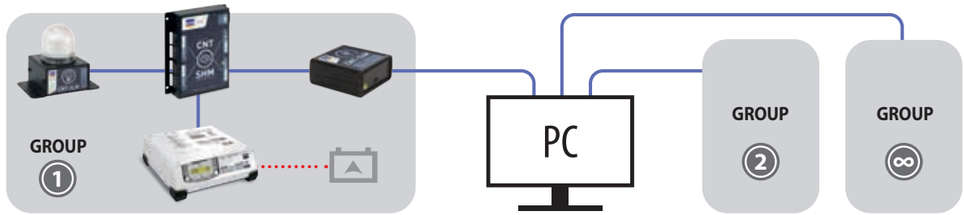
MULTI MODULES



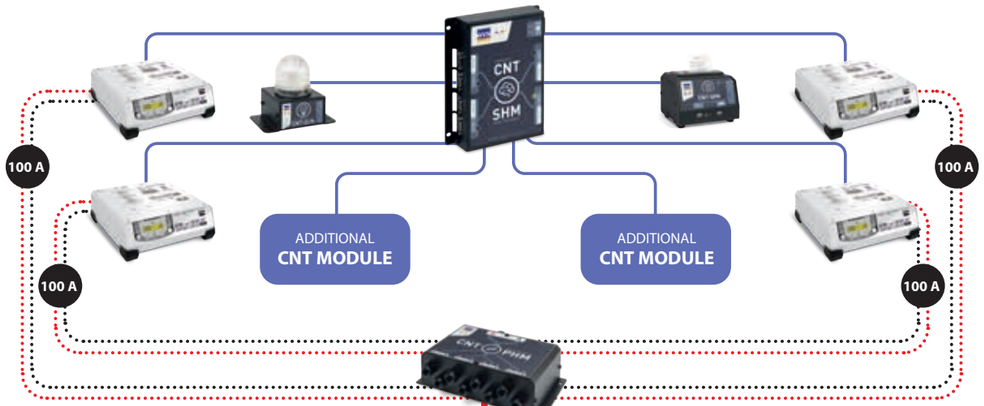
ADVANCED

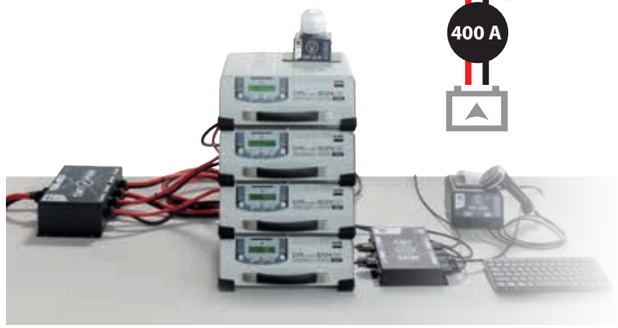


MULTI MODULES GROUPS



PARALLEL CHARGING — EXAMPLE : GYSFLASH 101.12 CNT (X4)







STANDARD ACCESSORIES



ANDERSON CABLES

for GYSFLASH	Anderson/Clamps	Anderson/NATO	Anderson<>Rema 160 A	Anderson<>Anderson 175 A	Anderson<>Texas
	2.5 m - 16 mm² 056503 5 m - 16 mm² 054615 8 m - 16 mm² 056572	2.5 m - 16 mm² 026810	5 m - 16 mm² 069091	5 m - 16 mm² 069107	0.2 m - 16 mm² 055902 1 m - 16 mm² 028791
30.12 / 50.12 100.12 / 101.12 102.12 / 32-12 PL	✓	✓	—	—	✓
30.24 / 50.24	✓	✓	✓	✓	✓
53.48	✓	✓	✓	✓	—



TEXAS CABLES

for GYSFLASH	Texas/Clamps	Texas/Rema 160 A	Texas/Anderson 175 A	Texas/NATO
	2.5 m - 25 mm² 028876 5 m - 25 mm² 027886	5 m - 16 mm² 025714	5 m - 25 mm² 025721	5 m - 25 mm² 025707 10 m - 25 mm² 056626
101.24 / 121.12 123.12 / 103.24 125.12	✓	✓	✓	✓

PARALLEL CABLES KIT

072954



Anderson/Cable lugs M6 ×2
16 mm2
1 m

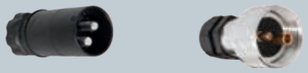
+ Cable lugs/Cable lugs M6 ×2 (1 red + 1 black)
35 mm2
5 m

+ Texas/Cable lugs M6 ×2
25 mm2
1 m

+ M6 KIT
Ø16 (x4)
Ø25 (x4)
Ø35 (x4)

+ SMC Cable - 1 m

CONNECTORS



NATO 026780

DIN14690 028784

INTERNAL FUSES



x2

40 A
for GYSFLASH 30
054646

80 A
for GYSFLASH 40, 50
054653



x2

125 A
for GYSFLASH 100, 101, 102
054585

150 A
for GYSFLASH 121, 123, 103
027930

EXTERNAL FUSES



x5

6.3 A
GYSFLASH 30
054578

10 A
GYSFLASH 40, 50, 100, 101, 102
056527

Tablette - Wall support Wandhalterung
055513

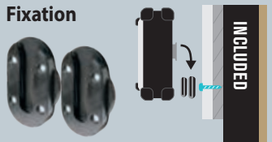


Valise de chantier Heavy-duty case Hartschalenkoffer
060432

21 × 43 × 57 cm
3.9 kg



Fixation



Magnetfix 50
029637



for GYSFLASH
32.12 PL
102.12
123.12
103.12
103.24
15.24 XTREM
53.48

CONFIGURATION (Chariot - Trolley - Fahrwagen)



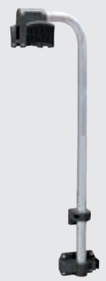
Chariot - Trolley Fahrwagen
028890



SLM/SPM support
028906



Cable support
052284



GYSFLASH CNT PACKS

		101.12 CNT	121.12 CNT	CNT-SPM + roller + support	Barcode Scanner + support		Trolley	CNT SLM	CNT SHM	CNT PHM	Parallel cables kit
	pack GYSFLASH CNT 1 068117	✓	—	✓	✓	✓ QWERTY	✓	—	—	—	—
	pack GYSFLASH CNT 2 068124	✓	—	✓	✓	✓ AZERTY	✓	—	—	—	—
	pack GYSFLASH CNT 3 068131	—	✓	✓	✓	✓ QWERTY	✓	—	—	—	—
	pack GYSFLASH CNT 4 068148	—	✓	✓	✓	✓ AZERTY	✓	—	—	—	—
NEW	pack GYSFLASH CNT 5 072978	✓ x2	—	✓	✓	✓ AZERTY	✓	✓	✓	✓	✓
NEW	pack GYSFLASH CNT 6 074972	✓ x2	—	✓	✓	✓ QWERTY	✓	✓	✓	✓	✓
NEW	pack Parallel Charging 072961	—	—	—	—	—	—	—	✓	✓	✓

CHARGERS

ARTIC

IP 65
WATER PROTECTION
ARTIC 1500, 4000 & 8000
CHARGERS ONLY



ENERGY

PATENTS REGISTERED NUMBERS
001652090-0001
EUROPEAN TRADEMARK & DESIGN

TCB

PATENTS REGISTERED NUMBERS
001652090-0001
EUROPEAN TRADEMARK & DESIGN

2 IN 1
CHARGE
TEST





SSM
Mémorisation des réglages. Redémarrage automatique en cas de coupure électrique.
Save and load settings. Automatic restart in case of power cut.
Einstellungsspeicherung. Automatisches Starten nach einem Netzausfall.

START STOP
Start/stop Engine :
Compatible véhicules Start/Stop.
Compatible with Start/Stop vehicles.
Geeignet für START-STOP-Fahrzeuge.

Mode "Cold charge":
optimisation des performances en cas de temps froid ou de gel.
"Cold charge" mode:
performance-enhancing charging mode for cold or freezing weather conditions.
»Cold Charge«-Modus:
Leistungsoptimierung bei kaltem Wetter oder bei Frost.



INCLUDED
all ARTIC



AUTOMATIC SMART HF INVERTER

I REGULATED IUoU FAST CHARGE

ARTIC 800
12 V 0.8 A GO > 7 V
SSM
029569
GB : 029682



ARTIC 1500
12 V 1.5 A GO > 7 V
SSM
029576
GB : 029699



ARTIC 4000
6/12 V 4/1-4 A GO > 2 V (6V) GO > 7 V (12V)
SSM START STOP
029583
GB : 029705



ARTIC 8000
2/8 A 12 V GO > 7 V
SSM START STOP
029590
GB : 029712



12 V • TRADITIONAL W

ENERGY 124
3 A
SSM
023215



ENERGY 126
4 A
SSM
023222
GB : 025165



Fuse X10
10A 054530
15A 054493

12 V • AUTOMATIC WU

TCB 60
2/4 A GO > 3.5 V
SSM START STOP
023253
GB : 025189



TCB 90
2/5.5 A GO > 3.5 V
SSM START STOP
023260
GB : 025202



TCB 120
3.5/7 A GO > 3.5 V
SSM START STOP
023284
GB : 025240



		50 / 60 Hz		CHARGE				Polarity protection	Cold Charge	SSM	Self Start memory	Full security	START STOP	Start/Stop engine	Fuse	CHARGER + TESTER	CONTROL		
					Moyen / Average (EN 60335)	Efficace / RMS	Reg												
MADE IN CHINA	**ARTIC 800**	100-240V	15 W	12V	0,8 A	—	—	•	—	•	—	—	—	—	—	—	—	13 × 6,5 × 3,8 cm	430 g
	ARTIC 1500	220-240V	27 W	12V	1,5 A	—	—	•	—	•	—	—	—	—	—	—	—	15,2 × 7 × 4 cm	500 g
	ARTIC 4000	220-240V	75 W	6 V	4 A	—	2	•	•	•	•	•	—	OK	—	19,3 × 8 × 5,2 cm	780 g		
				12 V	1 A / 4 A														
	ARTIC 8000	220-240V	130 W	12V	2 / 8 A	—	2	•	•	•	•	•	—	OK	—	22 × 9,6 × 5,9 cm	1130 g		
	ENERGY 124	220-240V	70 W	12V	3 A	4.5 A	—	—	—	•	—	—	10 A	—	—	11,5 × 16 × 22 cm	1900 g		
	ENERGY 126	220-240V	90 W	12V	4 A	6 A	—	—	—	•	—	—	10 A	—	—	11,5 × 16 × 22 cm	2000 g		
MADE IN GYS CHINA	**TCB 60** automatic	220-240V	85 W	12V	2 - 4 A	6 A	2	•	—	•	—	—	10 A	OK	OK	12 × 17 × 29 cm	2500 g		
	TCB 90 automatic	220-240V	120 W	12V	2 - 5,5 A	8 A	2	•	—	•	—	•	15 A	OK	OK	12 × 17 × 29 cm	3200 g		
	TCB 120 automatic	220-240V	150 W	12V	3,5 - 7 A	10.5 A	2	•	—	•	—	•	15 A	OK	OK	12 × 17 × 29 cm	3200 g		

RECOMMENDATION	6V	12V	24V	5 Ah	10 Ah	15 Ah	20 Ah	6V	40 Ah	80 Ah	90 Ah	110 Ah	120 Ah	180 Ah	240 Ah	300 Ah	+ Ah
Maintenance																	
ARTIC 800		•		1.6 › 25 Ah			1.6 Ah ›			› 80 Ah							
ARTIC 1500		•		3 Ah ›					› 40 Ah	3 Ah › 100 Ah							
ARTIC 4000	•	•		2 Ah ›					› 70 Ah	2 Ah › 130 Ah							
ARTIC 8000		•		4 Ah ›									› 160 Ah	4 Ah › 240 Ah			
ENERGY 124		•							10 › 45 Ah								
ENERGY 126		•							15 › 60 Ah								
TCB 60		•					10 Ah ›			› 60 Ah							
TCB 90		•								15 › 90 Ah							
TCB 120		•											20 › 120 Ah				

CHARGERS

CT



CT 160

9 A

SSM



1.5 m - 1.5 mm2 → 40 A

024106

GB: 025325



CT 210

12 A

SSM



1.5 m - 2.5 mm2 → 40 A

024113

GB: 025349

12 / 24 V • MANUAL **W**

CA

Protection for on-board electronics





CA 150

10 A

SSM



1.5 m - 2.5 mm2 → 40 A

024434

CA 360

25 A

SSM



2 m - 6 mm2 → 60 A

023185

12 / 24 V • AUTOMATIC **W2**

MULTICHARGE



6 charging speeds

MULTICHARGE CT 48

32 A

SSM

026087

2 m - 6 mm2 → 60 A

12 / 24 / 36 / 48 V • MANUAL **W**

WATTMATIC

Protection for on-board electronics





WATTMATIC 100

5 A GO > 3.5 V

SSM START STOP

024823

GB: 025417

1.5 m - 1.5 mm2 → 40 A



WATTMATIC 140

9 A GO > 3.5 V

SSM START STOP

025608

GB: 025622

1.5 m - 2.5 mm2 → 40 A



WATTMATIC 170

10 A GO > 3.5 V

SSM START STOP

025615

GB: 025639

1.8 m - 2.5 mm2 → 40 A

6 / 12 V • AUTOMATIC **WUoU**



Fuse ×10

10A WATTMATIC 100 054530	**15A** CT 160, WATTMATIC 140 054493	**20A** CT 210, WATTMATIC 150 & 170 054509	**25A** CA 150, WATTMATIC 180 054516	**40A** CT 48 054646	**50A** CA 360 054622

			CHARGE								
				Moyen / Average (EN 60335)			Efficace / RMS	Reg	Fuse		
				Reg 1	Reg 2	Reg 3					
CT 160	230V, 50 / 60 Hz	190 W	**12 / 24V** 12 V ›	7 A	9 A (boost)	—	13,5 A	2	15 A	20,5 × 30 × 13,5 cm	3,9 kg
			24 V ›	3 A	5 A (boost)	—	7,5 A	2			
CT 210	230V, 50 / 60 Hz	260 W	**12 / 24V** 12 V ›	8 A	12 A (boost)	—	18 A	2	20 A	22,5 × 33,5 × 14,5 cm	5,2 kg
			24 V ›	4 A	6 A (boost)	—	9 A	2			
MULTICHARGE CT 48	230V, 50 / 60 Hz	1200 W	**12 / 24 / 36 / 48V** 12 V ›	20,8 A › 32,4 A			31 A	6	40 A	32,5 × 39,5 × 20,5 cm	15,5 kg
			24 V ›	20,1 A › 31,8 A			29 A	6			
			36 V ›	19,6 A › 22,4 A (30,4 A boost)			29 A	6			
			48 V ›	15,5 A › 18,7 A (24,3 A boost)			28 A	6			
CA 150	230V, 50 / 60 Hz	500 W	**12 / 24V**	8 A	10 A (boost)	—	18 A	2	25 A	33 × 26 × 14 cm	6 kg
CA 360	230V, 50 / 60 Hz	920 W	**12 / 24V**	7 A	15 A (boost1)	25 A (boost2)	37 A	3	50 A	44 × 31 × 23 cm	14 kg
WATTMATIC 100	230V, 50 Hz	170 W	**6 / 12V**	3 A	5 A		11.4 A	2	10 A	24 × 26 × 13 cm	3.8 kg
WATTMATIC 140	230V, 50 Hz	230 W	**6 / 12V**	5 A	9 A (boost)	—	16.5 A	2	15 A	36 × 22 × 14 cm	4.8 kg
WATTMATIC 170	230V, 50 Hz	280 W	**6 / 12V**	6.5 A	10 A (boost)	—	18.8 A	2	20 A	36 × 22 × 14 cm	5 kg

RECOMMENDATION	6V	12V	24V	5 Ah	10 Ah	15 Ah	20 Ah	6V	40 Ah	80 Ah	90 Ah	110 Ah	120 Ah	180 Ah	240 Ah	300 Ah	+ Ah
CT 160		•	•						12 V : 25 › 160 Ah - 24 V : 15 > 90 Ah								
CT 210		•	•						12 V : 35 › 210 Ah - 24 V : 20 > 100 Ah								
MULTICHARGE CT 48		•	•	+48 V								12, 24, 36 V : 90 › 450 Ah - 48 V : 70 › 360 Ah					
CA 150		•	•						35 › 150 Ah								
CA 360		•	•						40 › 350 Ah								
WATTMATIC 100	•	•							15 › 100 Ah								
WATTMATIC 140	•	•							20 › 150 Ah								
WATTMATIC 170	•	•							25 › 180 Ah								

DESIGN GYS FRANCE

MADE IN GYS CHINA

CHARGERS

AUTOMATIC, SMART & FAST

SSM SELF START MEMORY

AUTO DETECT BATTERY VOLTAGE DETECTION

START STOP ALL BATTERIES

Microprocessor Control

FULL PROTECTION — On-board electronics · Over voltage · Reverse polarity · No sparks

YouTube PLAYLIST BATIUM



BATIUM 7.12

7 A — GO > 2 V

SSM · START STOP · AUTO DETECT

1.5 m - 1.5 mm2 → 40 A

024496

GB : 024557



BATIUM 15.12

15 A — GO > 0.5V

SSM · START STOP · AUTO DETECT · SOS RECOVERY

1.5 m - 2.5 mm2 → 40 A

024519

GB : 024632



6 / 12 V IWUoU



BATIUM 7.24

7 A — GO > 2 V

SSM · START STOP · AUTO DETECT

1.5 m - 1.5 mm2 → 40 A

024502

GB : 024625



BATIUM 15.24

15 A — GO > 0.5V

SSM · START STOP · AUTO DETECT · SOS RECOVERY

1.5 m - 2.5 mm2 → 40 A

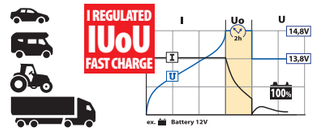
024526

GB : 024588

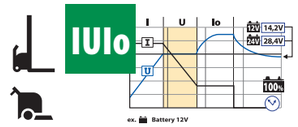


6 / 12 / 24 V IWUoU

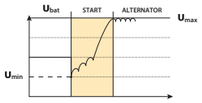
I REGULATED FAST CHARGE



TRACTION BATTERIES CHARGE



TEST





BATIUM 25.24 X

25 A — GO > 0.5V

SSM · START STOP · AUTO DETECT · SOS RECOVERY

2 m - 6 mm2 → 60 A

024830

6 / 12 / 24 V I REGULATED IUoU FAST CHARGE — IUIo Specific charge: Traction batteries



Fuse ×10 — 15A: BATIUM 7/12 & 7/24 — 054493 — 30A: BATIUM 15/12 & 15/24 — 054523

RECOMMENDATION

	6V	12V	24V	5 Ah	10 Ah	15 Ah	20 Ah	6V	40 Ah	80 Ah	90 Ah	110 Ah	120 Ah	180 Ah	240 Ah	300 Ah	+ Ah
BATIUM 7/12	•	•				15 › 130 Ah											
BATIUM 7/24	•	•	•			15 › 130 Ah											
BATIUM 15/12	•	•						35 › 225 Ah									
BATIUM 15/24	•	•	•					35 › 225 Ah									
BATIUM 25/24 X	•	•	•					35 › 350 Ah									

MADE IN FRANCE	50 / 60 Hz		CHARGE			Moyen / Average (EN 60335)				Fuse			SOS RECOVERY
				Reg	Efficace / RMS	Reg 1	Reg 2	Reg 3	boost				Sulfated batteries
BATIUM 7.12	230V	105W	6/12V	2	11 A	3 A	—	—	7 A	15 A	21×34×13 cm	4.6 kg	—
BATIUM 15.12	230V	225W	6/12V	3	22 A	7 A	10 A	—	15 A	30 A	21×36×14 cm	5.6 kg	•
BATIUM 7.24	230V	210W	6/12/24V	2	11 A	3 A	—	—	7 A	15 A	21×34×13 cm	5.4 kg	—
BATIUM 15.24	230V	450W	6/12/24V	3	22 A	7 A	10 A	—	15 A	30 A	21×36×14 cm	7.1 kg	•
BATIUM 25.24X	230V	1 150W	6/12/24V	3	37 A	7 A	15 A	25 A	—	—	28×42×23 cm	13.4 kg	•

CHARGERS & STARTERS

SSM SELF START MEMORY







12 V • AUTOMATIC W2

STARTUP 80
17 A
SSM
024922
: 025127



12 V | 12/24 V • TRADITIONAL W

START 200
18 A
SSM
1.5 m - 6 mm2 → 60 A
025530



START 300
23 A
SSM
2 m - 10 mm2 → 220 A
025547



NEOSTART 320
9 / 40 A
SSM
2 m - 10 mm2 → 220 A
025301



12/24 V • TRADITIONAL W

NEOSTART 420
40 A
SSM
1.8 m - 10 mm2 → 500 A
025295
: 025479



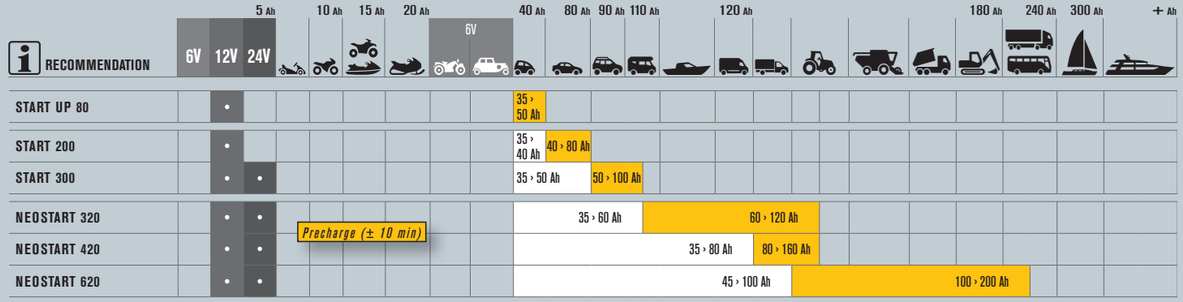
NEOSTART 620
60 A
SSM
1.8 m - 16 mm2 → 500 A
025288
: 025486



Fuse ×2

- **50 A** Start 200 — 054622
- **80 A** Start 300 — 054653
- **150 A** Neostart 320 — 054639
- **200 A** Neostart 420, 620 — 054547

DESIGN GYS FRANCE		50 / 60 Hz	I_1		CHARGE kW	START kW	Reg	Efficace / RMS	CHARGE Moyen / Average (EN 60335)	CHARGE Boost	CHARGE Automatic	CHARGE Manual	CHARGE min › max	START 1V/C	START 0V/C	START	Fuse		
MADE IN GYS CHINA	START UP 80	230 V	13 A	12 V	0,35	1	2	13,5-25 A	9 A	17 A	•	—	40 › 170 Ah	50 A	80 A	—	—	12 × 18 × 32 cm	4,4 kg
	START 200	230 V	13 A	12 V	0,39	1,4	3	15-25 A	11 A	18 A	—	•	53 › 240 Ah	80 A	120 A	—	50 A	37 × 26 × 18 cm	8 kg
	START 300	230 V	13 A	12 V	0,8	3,6	3	13-36 A	10 A	23 A	—	•	42 › 300 Ah	100 A	165 A	—	80 A	43 × 33 × 23 cm	13,8 kg
			13 A	24 V	1,2	3,6			8 A	17 A			38 › 224 Ah						
	NEOSTART 320	230 V	13 A	12 / 24 V	0,8	6,5	3	40 A	10 A	40 A	—	•	20 › 700 Ah	160 A	270 A	—	150 A	41 × 30 × 21 cm	14,7 kg
									9 A	30 A									
	NEOSTART 420	230 V	16 A	12 / 24 V	1,7	9	3	70 A	20 A	40 A	—	•	20 › 1000 Ah	250 A	420 A	—	200 A	47 × 32 × 27 cm	20,9 kg
	NEOSTART 620	230 V	16 A	12 / 24 V	2	10	3	90 A	30 A	60 A	—	•	20 › 1350 Ah	330 A	620 A	—	200 A	47 × 32 × 27 cm	24 kg



CHARGERS & STARTERS

3 in 1
- AUTOMATIC CHARGE = BATIUM
- AUTOMATIC START
- TEST ALTERNATOR

TIMER
UNIVERSAL MODE — AUTO SELECTION
SULFATED BATTERIES
START STOP ALL BATTERIES
GO >1 V

FULL PROTECTION
- On-board electronics
- Over voltage
- No sparks



YouTube PLAYLIST STARTIUM



35/50 mm²

NATO OTAN Compatibility p.53

12/24 V • AUTOMATIC IWUoU

STARTIUM 330E
25 A
1,9 m - 10 mm2 › 500 A
026469

STARTIUM 480E
40 A
1,9 m - 16 mm2 › 600 A
026483
GB: 025578

STARTIUM 680E
45 A
2,2 m - 25 mm2 › 600 A
026490
GB: 025585

STARTIUM 980E
50 A
2,5 m - 35 mm2 › 600 A
026506

Disconnectable

MADE IN FRANCE	50/60 Hz	I_1	CHARGE kW	START kW	CHARGE							START				BSU	FUSE			CCA I (EN) START
						min › max	Efficace / RMS	Moyen / Average (EN 60335)	Reg	Boost	Automatic		1 V/C	0 V/C	AUTO START					
STARTIUM 330E	230V	16 A	0,8	6,5	12 V	20 › 370 Ah	40 A	25 A	4	—	•	12 V :	165 A	270 A	•	—	100 A	43 × 26 × 26 cm	16,3 kg	500 A
					24 V	20 › 300 Ah						24 V :	130 A	210 A						
STARTIUM 480E	230V	16 A	1,7	9	12 V	20 › 600 Ah	65 A	30 A	4	40 A	•	12 V :	280 A	390 A	•	—	200 A	31 × 48 × 80 cm	28,6 kg	750 A
					24 V	20 › 450 Ah						24 V :	210 A	290 A						
STARTIUM 680E	230V	16 A	2	10	12 V	20 › 675 Ah	75 A	30 A	4	45 A	•	12 V :	380 A	550 A	•	—	200 A	31 × 48 × 80 cm	31 kg	900 A
					24 V	20 › 525 Ah						24 V :	270 A	380 A						
STARTIUM 980E	230V	16 A	2	12	12 V	20 › 750 Ah	80 A	40 A	4	50 A	•	12 V :	500 A	720 A	•	—	250 A	31 × 48 × 80 cm	36 kg	1400 A
					24 V	20 › 525 Ah						24 V :	400 A	560 A						
DIAG STARTIUM 60-12	230V	16 A	2	10	12 V	20 › 900 Ah	95 A	60 A	4	—	•	12 V :	310 A	440 A	•	•	200 A	48 × 35 × 90 cm	36 kg	900 A
DIAG STARTIUM 60-24	230V	16 A	2	10	6 V	20 › 900 Ah	65 A	40 A	4	—	–	6 V :	—	—						
					12 V	20 › 900 Ah	95 A	60 A			•	12 V :	300 A	430 A	•	•	200 A	48 × 35 × 90 cm	36 kg	900 A
					24 V	20 › 525 Ah	65 A	40 A			•	24 V :	280 A	410 A						

Fuse ×2
- 100 A — Startium 330E — 054394
- 200 A — Startium 480E, 680E, Diag. 60-12, 60-24 — 054547
- 250 A — Startium 980E — 055568

RECOMMENDATION	6V	12V	24V	5 Ah	10 Ah	15 Ah	20 Ah	6V	40 Ah	80 Ah	90 Ah	110 Ah	120 Ah	180 Ah	240 Ah	300 Ah	+ Ah
STARTIUM 330E		•	•						40 › 80 Ah				80 › 120 Ah				
STARTIUM 480E		•	•						40 › 120 Ah				120 › 160 Ah				
STARTIUM 680E		•	•		Precharge (± 10 min)				50 › 180 Ah					180 › 200 Ah			
STARTIUM 980E		•	•						50 › 240 Ah								
DIAG STARTIUM 60-12		•							50 › 180 Ah					180 › 200 Ah			
DIAG STARTIUM 60-24	•	•	•						50 › 180 Ah					180 › 200 Ah			

BSU Battery Support Unit
BATTERY EXPERT
POWER SUPPLY DIAG+ 60A
Voltage adjustable 12 V › 15 V





12 V • AUTOMATIC IWUoU + BSU • 12/24 V

DIAG STARTIUM 60-12
60 A
2,2 m - 25 mm2 › 600 A
026513

DIAG STARTIUM 60-24
60 A
2,2 m - 25 mm2 › 600 A
026520
GB: 025592

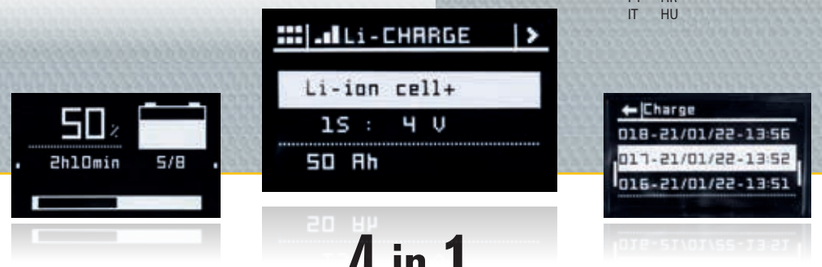
CHARGERS / BSU & STARTERS

CNT Connected Technology

SPECIAL PROJECTS
Contact us for special projects.
Quick Customization:
Modes, Curves, parameters...

22 languages

GB	RU	GR	CN simplified
FR	SE	CZ	CN traditional
DE	DK	PL	JP
NL	FI	SK	
ES	TR	UA	
PT	HR		
IT	HU		



4 in 1

AUTOMATIC CHARGE

Pb AUTOMOTIVE
- ✓ GEL
- ✓ AGM
- ✓ LIQUID
- ✓ EASY
- ✓ EXPERT
- ✓ NORMAL
- ✓ BOOST
- ✓ RECOVERY+

Pb TRACTION
- ✓ GEL
- ✓ LIQUID

LITHIUM READY
- ✓ LFP/LiFePO$_4$
- ✓ LI-ION STD
- ✓ LFP CELL+
- ✓ LI-ION CELL+

BSU

- DIAG + — U2 ADJUSTABLE
- SHOWROOM
- CHANGE BATTERY
- POWER SUPPLY — U2 & I2 max ADJUSTABLE

AUTOMATIC STARTER

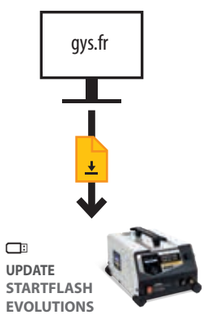
- ✓ START

TEST

- ✓ VOLTAGE
- ✓ START UP
- ✓ ALTERNATOR

CNT Connected Technology

SOFTWARE UPDATE



UPDATE STARTFLASH EVOLUTIONS

CUSTOMIZATION



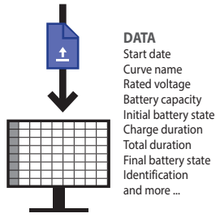
CNT MANAGER
- STARTFLASH parameters
- Custom curves
- Multi products management
- Import/export configurations
…

UPDATE CUSTOM CONFIGURATION

TRACEABILITY

EXPORT DATA CAPABILITIES





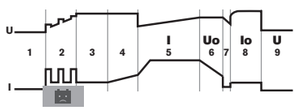
DATA
Start date
Curve name
Rated voltage
Battery capacity
Initial battery state
Charge duration
Total duration
Final battery state
Identification
and more ...

Connected Modules & Technology
p.27



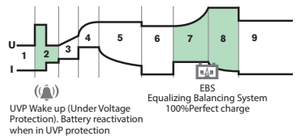
SMART 9 STEP

Pb



1. Status analysis
2. Recovery
3. Sulphation test
4. Desulfation
5. Fast charge 80%
6. Absorption
7. Test Absorption
8. Refresh
9. Floating 100%

LiFePO$_4$



1. Status analysis
2. UVP Wake Up
3. Recovery
4. Fast charge 90%
5. Absorption 95%
6. Test
7. Completion
8. Equalization
9. Floating 100%

- FULL PROTECTION
  - On-board electronics
  - Over voltage
  - No sparks
- UNIVERSAL MODE — AUTO SELECTION
- SULFATED BATTERIES
- START STOP — ALL BATTERIES
- GO >1 V
- PFC POWER FACTOR CORRECTION 185 V ⇄ 265 V
- 1 WORLD PREMIERE

NEW



6 / 12 / 24 V • AUTOMATIC

STARTFLASH 120.24 CNT

2 › 300 A

5 m - 35 mm2 ⇄ 700 A

073616

OPTION



Trolley
074965



Texas/Clamps
2.5 m - 25 mm² 028876
5 m - 25 mm² 027886



Texas/Rema 160 A
5 m - 16 mm² 025714



Texas/Anderson 175 A
5 m - 25 mm² 025721



Texas/NATO
5 m - 25 mm² 025707
10 m - 25 mm² 056626

STARTER RECOMMENDATION

	6V	12V	24V	6V	+300 Ah
STARTFLASH 120	•	•	•	10 › 180 Ah	180 › 250 Ah (Précharge)

MADE IN FRANCE	50 / 60 Hz	CHARGE							TRACTION BATTERIES	START				IP		
				START MINI	I max	25°C @100 %	40°C @ 100 %				1 V/C	0 V/C	AUTO START			
STARTFLASH 120.24 CNT	85> 265 V	6/12/24 V	3500 W	2 V	110 V : 100 A 230 V : 120 A	75 A 110 A	55 A 90 A	20 › 1200Ah	•	6/12/24 V 6 V : 12 V : 24 V :	150 A 300 A 300 A 200 A	150 A 300 A 300 A 300 A	•	20	32 x 25 x 40,6 cm	13,9 kg

BOOSTERS

Pb/Lead INSIDE

POWER SUPPLY
12 V DC

COMPRESSOR



Air Kit included **4 bars**

12 V = 6 C*

24 V = 12 C* (6 C* + 6 C*)

*C = cells, cellules

HERITAGE 6/12 V



12 V 18 Ah INSIDE — HOBBIES OCCASIONAL — PRO INTENSIVE

GYSPACK 400

1 250 A | 480 A 1V/C



0.6 m - 16 mm2 → 300 A

025455
GB: 025516

GYSPACK AIR

1 250 A | 480 A 1V/C



1.1 m - 25 mm2 → 500 A

026322



12 V 22 Ah INSIDE — HOBBIES OCCASIONAL — PRO INTENSIVE

GYSPACK 600

1 750 A | 550 A 1V/C



0.6 m - 16 mm2 → 300 A

027336
GB: 027497



GYSPACK PRO

1 750 A | 600 A 1V/C



1.1 m - 25 mm2 → 500 A

026155
GB: 025523



6 / 12 V 20 Ah + 20 Ah INSIDE — HOBBIES OCCASIONAL — PRO INTENSIVE

GYSPACK HERITAGE 6/12

6 V	3 200 A	400 A 1V/C
12 V	1 600 A	450 A 1V/C

1.8 m - 25 mm2 → 600 A

025844



INCLUDED **GYSPACK 400 / AIR / 600 / PRO**

INCLUDED **GYSPACK Heritage**

OPTION

MEMORY AUTO SAVE CABLE OBD 1,5 m
054202



Fuse 7,5 A

CHARGER
Power in 110-240 V / out 12 V
50/60 Hz
054677
GB: 054660



WU — FV FLEXIBLE VOLTAGE 85 V — 265 V

CHARGER
Power in 110-240 V / out 12 V
50/60 Hz
054684
GB: 054691



I REGULATED IUoU FAST CHARGE — FV FLEXIBLE VOLTAGE 85 V — 265 V

OFF — Après chaque utilisation / After each use / Nach jeder Anwendung

	Inside	START 1 V/C	START Cranking CC	START Peak Battery	ON/OFF		Fuse	AIR	Power Supply	EXTERNAL Charge 230 V	TEST OK			
GYSPACK 400	12 V-18 Ah	12 V	480 A	900 A	1250 A	—	—	—	—	12 V DC/0,5A	12 V DC/1,2A	•	26×10×29 cm	30×18×37 cm	6,5 kg
GYSPACK AIR	12 V-18 Ah	12 V	480 A	900 A	1250 A	•	•	—	4 bars	12 V DC/0,5A	12 V DC/1,2A	•	33×17×37 cm	36×20×43 cm	8,7 kg
GYSPACK 600	12 V-22 Ah	12 V	550 A	1050 A	1750 A	—	—	—	—	12 V DC	12 V DC/1,2A	•	26×10×29 cm	30×18×37 cm	6,5 kg
GYSPACK PRO	12 V-22 Ah	12 V	600 A	1100 A	1750 A	•	•	—	—	12 V DC	12 V DC/1,2A	•	35×14×37 cm	39×17×45 cm	9 kg
GYSPACK HERITAGE 6/12	6 V-2 x 20 Ah	6 V 12 V	400 A 450 A	800 A 850 A	3200 A 1600 A	•	•	1 x 300 A	—	12 V DC	12 V DC/2A	•	37×20×46 cm	39×22×50 cm	18 kg

DESIGN GYS FRANCE

MADE IN GYS CHINA

RECOMMENDATION	6V	12V	24V	5 Ah	10 Ah	15 Ah	20 Ah	6V	40 Ah	80 Ah	90 Ah	110 Ah	120 Ah	180 Ah	240 Ah	300 Ah	+ Ah
GYSPACK AUTO / 400		•							› 50 Ah								
GYSPACK AIR		•							› 50 Ah								
GYSPACK 600		•							› 90 Ah								
GYSPACK PRO		•							› 90 Ah								
GYSPACK HERITAGE	•	•						› 140 Ah	› 50 Ah								

BOOSTERS

Pb/Lead INSIDE

POWER SUPPLY
12 V DC

FOR GYSPACK 660/750/800/700/900

Fuse ×2 — 200 A 054547 — 300 A 054561

OPTION — MEMORY AUTO SAVE CABLE OBD 1,5 m 054202 — Fuse 7,5 A



SPIRAL TECHNOLOGY



SPIRAL TECHNOLOGY



EnerSys — TPPL TECHNOLOGY Thin Plate Pure Lead — PREMIUM QUALITY BATTERIES





12 V 28 Ah INSIDE — HOBBIES OCCASIONAL / PRO INTENSIVE

GYSPACK 660

1 900 A | 640 A 1V/C

1.3 m - 25 mm2 — 600 A

027862 : 027879



INCLUDED **GYSPACK 660**

CHARGER — Power in 100-240 V / out 12 V — 50/60 Hz — 027992 : 025929



I REGULATED IUoU FAST CHARGE — FV FLEXIBLE VOLTAGE 85 V ↔ 265 V

12 V 28 Ah SPIRAL INSIDE — HOBBIES OCCASIONAL / PRO INTENSIVE

GYSPACK 750

2 500 A | 750 A 1V/C

1.3 m - 25 mm2 — 600 A

026179 : 026353



INCLUDED **GYSPACK 750**

CHARGER — Power in 110-240 V / out 12 V — 50/60 Hz — 054684 : 054691



I REGULATED IUoU FAST CHARGE — FV FLEXIBLE VOLTAGE 85 V ↔ 265 V

12 V 28 Ah SPIRAL INSIDE — HOBBIES OCCASIONAL / PRO INTENSIVE

GYSPACK PRO 800

2 500 A | 700 A 1V/C

1.8 m - 25 mm2 — 600 A

068759 : 072107

INCLUDED **GYSPACK PRO 800**

CHARGER — Power in 110-240 V / out 12 V — 50/60 Hz — 054684 : 054691



I REGULATED IUoU FAST CHARGE — FV FLEXIBLE VOLTAGE 85 V ↔ 265 V

12 V 16Ah INSIDE — HOBBIES OCCASIONAL / PRO INTENSIVE

GYSPACK PRO 700

1 800 A | 640 A 1V/C | 1 096 701

1.4 m - 25 mm2 — 600 A

027077 : 027947

INTEGRATED CHARGER — 7 STEP

12 V 30 Ah INSIDE — HOBBIES OCCASIONAL / PRO INTENSIVE

GYSPACK PRO 900

3 100 A | 830 A 1V/C | 1 096 701

1.8 m - 35 mm2 — 600 A

027084 : 027954

INTEGRATED CHARGER — 7 STEP

OFF — Après chaque utilisation / After each use / Nach jeder Anwendung

DESIGN GYS FRANCE		Inside	START 1 V/C	Cranking CC	Peak Battery	TEST OK	CHARGER INSIDE	50 / 60 Hz	EXTERNAL Charge 230V	Protection ON/OFF	Protection	Power out	Memory	Fuse	Fuse			
MADE IN GYS CHINA	GYSPACK 660	28 Ah	12 V	640 A	1200 A	1900 A	•	—	110 - 240 V	12V/2 A DC	•	•	12 V DC	—	1 × 200 A	35×19 ×40 cm	39×23 ×45 cm	13,5 kg
	GYSPACK 750	28 Ah	12 V	750 A	1450 A	2500 A	•	—	110 - 240 V	12V/2 A DC	•	•	12 V DC	—	2 × 200 A	35×19 ×40 cm	39×23 ×45 cm	13,5 kg
	GYSPACK PRO 800	28 Ah	12 V	700 A	1320 A	2500 A	•	—	110 - 240 V	12V/2 A DC	•	•	12 V DC	10 A	2 × 200 A	31×19 ×35 cm	32×23 ×37 cm	18.4 kg
MADE IN FRANCE	GYSPACK PRO 700	16 Ah	12 V	640 A	1200 A	1800 A	•	•	220 - 240 V	—	•	•	12 V DC	10 A	1 × 200 A	33 × 15 × 32 cm	35 × 24 × 36 cm	12 kg
	GYSPACK PRO 900	30 Ah	12 V	830 A	1700 A	3100 A	•	•	220 - 240 V	—	•	•	12 V DC	10 A	1 × 300 A	33 × 15 × 32 cm	35 × 24 × 36 cm	16 kg

RECOMMENDATION	6V	12V	24V	5 Ah	10 Ah	15 Ah	20 Ah	6V	40 Ah	80 Ah	90 Ah	110 Ah	120 Ah	180 Ah	240 Ah	300 Ah	+ Ah
GYSPACK 660		•							› 90 Ah								
GYSPACK 750		•							› 150 Ah								
GYSPACK PRO 800		•							› 130 Ah								
GYSPACK PRO 700		•							› 100 Ah								
GYSPACK PRO 900		•							› 150 Ah								

BOOSTERS

Pb/Lead INSIDE

POWER SUPPLY
12 V DC







YouTube
PLAYLIST
STARTPACK





EnerSys
TPPL TECHNOLOGY
Thin Plate Pure Lead
PREMIUM QUALITY BATTERIES





12 / 24 V — 22 Ah + 22 Ah — INSIDE

HOBBIES — OCCASIONAL — PRO — INTENSIVE

STARTPACK TRUCK

12 V	3 200 A	750 A 1V/C
24 V	1 600 A	650 A 1V/C

1.8 m - 25 mm2 — 600 A — 025448 (GB: 026339)



STARTPACK TRUCK MOBILE

12 V	3 200 A	750 A 1V/C
24 V	1 600 A	650 A 1V/C

1.8 m - 25 mm2 — 600 A — 026025 (GB: 028807)

INCLUDED **STARTPACK TRUCK & TRUCK MOBILE**

OFF — Après chaque utilisation / After each use / Nach jeder Anwendung

CHARGER
Power in 110-240 V / out 12 V
50/60 Hz
054684 (GB: 054691)



FV FLEXIBLE VOLTAGE 85 V — 265 V

OPTION
MEMORY AUTO SAVE CABLE OBD 1,5 m
054202
Fuse 7,5 A



DESIGN GYS FRANCE		Inside	START 1 V/C	START Cranking CC	START Peak Battery	TEST OK	50 / 60 Hz	CHARGER INSIDE	EXTERNAL Charge 230V	Protection ON/OFF	Protection	Power out	Power out Memory	Fuse	Fuse			
MADE IN GYS CHINA	STARTPACK TRUCK / TRUCK MOBILE	2 × 22 Ah	12 V	750 A	1450 A	3200 A	•	110 - 240 V	—	12 V/2 A DC	•	•	12 V DC	—	1 ×300 A	37×20 ×46 cm	39×22 ×50 cm	18 kg
			24 V	650 A	1300 A	1600 A							12 V DC	—		37×20 ×57 cm	39×24 ×60 cm	21 kg
MADE IN FRANCE	STARTPACK 12.24 CI	2x 16 Ah	12 V	900 A	1700 A	3600 A	—	220 - 240 V	4 A	—	•	•	—	—	1 × 300 A	26×20 ×48 cm	34×20 ×51 cm	19 kg
			24 V	700 A	1350 A	1800 A												
	STARTPACK PRO 12.24 CI	2x 30 Ah	12 V	1300 A	2400 A	6200 A	—	220 - 240 V	4 A	—	•	•	—	—	1 × 300 A	14×35 ×56 cm	63×39 ×30 cm	34 kg
			24 V	1200 A	2250 A	3100 A												

12 / 24 V — 16 Ah + 16 Ah — INSIDE

HOBBIES — OCCASIONAL — PRO — INTENSIVE

STARTPACK 12.24 CI

12 V	3600 A	900 A 1V/C	24 V ★	1 800 A	700 A 1V/C

1.8 m - 35 mm2 — 600 A — 024991 (GB: 068155)

12 / 24 V — 30 Ah + 30 Ah — INSIDE

HOBBIES — OCCASIONAL — PRO — INTENSIVE

STARTPACK PRO 12.24 CI

12 V	6200 A	1300 A 1V/C	24 V ★★★	3100 A	1200 A 1V/C

2 m - 50 mm2 — 600 A — 028920 (GB: 068162)

INCLUDED **STARTPACK 12.24 & PRO 12.24**

Fuse ×2 — 200 A 054547 — 300 A 054561



INTEGRATED CHARGER 7 STEP

OFF — Après chaque utilisation / After each use / Nach jeder Anwendung

RECOMMENDATION	6V	12V	24V	5 Ah	10 Ah	15 Ah	20 Ah	6V	40 Ah	80 Ah	90 Ah	110 Ah	120 Ah	180 Ah	240 Ah	300 Ah	+ Ah
STARTPACK TRUCK		•	•						› 150 Ah								
STARTPACK TRUCK MOBILE		•	•						› 150 Ah								
STARTPACK 12.24 CI		•	•						› 160 Ah								
STARTPACK PRO 12.24 CI		•	•						› 220 Ah								

BOOSTERS

PRO ★★★

YouTube
PLAYLIST
STARTPACK





SMART STARTER MANAGEMENT SYSTEM

FULL PROTECTION
- On-board electronics
- Over voltage
- Reverse polarity
- No sparks

AUTO DETECT
Battery voltage detection

Microprocessor Control

TIMER Adjustable

EXIDE TECHNOLOGIES — HIGH QUALITY BATTERIES

SPIRAL TECHNOLOGY



INCLUDED

GYSFLASH XL 6.12



7 STEP

6 A - Advanced technology
8 step smart charge

12 / 24 V — 50 Ah SPIRAL + 50 Ah SPIRAL — INSIDE

HOBBIES ■■■■■■ PRO +++
OCCASIONAL ■■■■■■ INTENSIVE

STARTPACK PRO 12.24 XL

12 V	8 500 A	1600 A 1V/C

2 m - 70 mm2 — 1000 A — 026711

24 V ★★★★	4 250 A	1400 A 1V/C

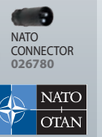
OPTION



STANDARD CABLES
1000 A - 70 mm2 - **4 m**
026827



NATO CABLES
3 m - 50 mm2
072589



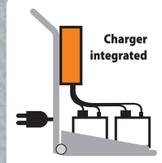
NATO CONNECTOR
026780

NATO ID / NCAGE :
F8154 CG730

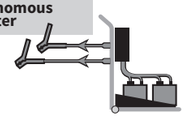
Après chaque utilisation
After each use
Nach jeder Anwendung
OFF

MADE IN FRANCE

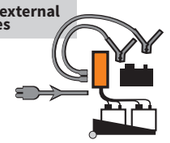
	Inside	START 1 V/C	Cranking CC	Peak Battery	CHARGE	min › max	TEST OK	CHARGER 230V	Protection ON/OFF	Protection	Fuse				
STARTPACK PRO 12.24 XL	2× 50 Ah	12 V 1 600 A	3 000 A	8 500 A	—	—	•	6 A outside	• automatic	•	300 A	2 m ø 70 mm²	106 × 32 × 35 cm	112 × 35 × 43 cm	68 kg
		24 V 1 400 A	2 600 A	4 250 A											
ENERGY STATION FP		selon batteries/according to battery /je nach Batterie (Pb only)			12/24 V	100 › 375 Ah (x2)	•	30 A inside	• manual	•	300 A	2,5 m ø 50 mm²	70 × 65 × 91 cm	80 × 53 × 28 cm	29 kg + batteries



Autonomous booster



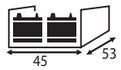
Charge external batteries



Recommended

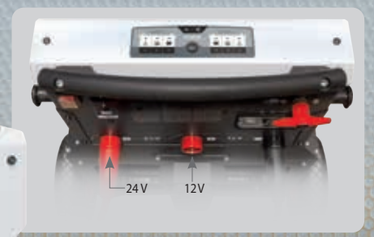
ENERGY STATION : 2 ×120› 170Ah

ENERGY STATION FP : 2 ×120› 170Ah



Batteries non fournies
- Batteries not provided
- Ohne Batterie geliefert







FULL PROTECTION
- On-board electronics
- Over voltage
- No sparks
- Reverse polarity

12 / 24 V — HOBBIES ■■■■■■ PRO — OCCASIONAL ■■■■■■ INTENSIVE +++

ENERGY STATION FP
069589

INTEGRATED CHARGER — 6 STEP

RECOMMENDATION

	12V	24V	5 Ah	10 Ah	15 Ah	20 Ah	6V	40 Ah	80 Ah	90 Ah	110 Ah	120 Ah	180 Ah	240 Ah	300 Ah	+ Ah
STARTPACK PRO 12.24 XL	•	•						› 250 Ah								
ENERGY STATION FP	–	–						35 › 375 Ah								

SELECT THE RIGHT BOOSTER

CHOISISSEZ VOTRE BOOSTER • WÄHLEN SIE IHREN BOOSTER AUS

		6/12V	12 V								12-24 V				
		GYSPACK HERITAGE	GYSPACK 400	GYSPACK AIR	GYSPACK 600	GYSPACK PRO	GYSPACK 660	GYSPACK PRO 700	GYSPACK 750	GYSPACK PRO 800	GYSPACK PRO 900	STARTPACK TRUCK/ TRUCK MOBILE	STARTPACK 12.24 CI	STARTPACK PRO 12.24 CI	STARTPACK PRO 12.24 XL	ENERGY STATION FP
		025844	025455	026322	027336	026155	027862	027077	026179	068759	027084	025448 / 026025	024991	028920	026711	069589
		6 V	12 V	12 V	12 V	12 V	12 V	12 V	12 V	12 V	12 V	12 V	12 V	12 V	12 V	12 V
		12 V	12 V	12 V	12 V	12 V	12 V	12 V	12 V	12 V	12 V	24V	24V	24V	24V	24V
START	1V/C	400 (6 V)	480 A	480 A	550 A	600 A	640 A	640 A	750 A	700 A	830 A	750 (12 V)	900 A (12 V)	1300 A (12 V)	1600 A (12 V)	/
		450 (12 V)										650 (24 V)	700 A (24 V)	1200 A (24 V)	1400 A (24 V)	
	CC	800 (6 V)	900 A	900 A	1050 A	1100 A	1200 A	1200 A	1450A	1320 A	1700 A	1450 A (12 V)	1700 A (12 V)	2400 A (12 V)	3000 A (12 V)	
		850 (12 V)										1300 A (24 V)	1350 A (24 V)	2250 A (24 V)	2600 A (24 V)	
	PEAK	3200 (6 V)	1250 A	1250 A	1750 A	1750 A	1900 A	1800 A	2500 A	2500 A	3100 A	3200 A (12 V)	3600 A (12 V)	6200 A (12 V)	8500 A (12 V)	
		1600 (12 V)										1600 A (24 V)	1800 A (24 V)	3100 A (24 V)	4250 A (24 V)	
		2×20 Ah	18 Ah	18 Ah	22 Ah	22 Ah	28 Ah	16 Ah EnerSys	28 Ah	28 Ah	30 Ah EnerSys	2 × 22 Ah	2 × 16 Ah EnerSys	2 × 30 Ah EnerSys	2 × 50 Ah EXIDE TECHNOLOGIES	
	SPIRAL TECHNOLOGY								■	■					■	
	ON OFF	■		■		■	■	■	■	■	■	■	■	■	■ automatic	■
	TEST OK	■	■	■	■	■	■	■	■	■	■	– ■	■	■	■	■
		outside 2 A	outside 0,5 A	outside 0,5 A	outside 0,5 A	outside 0,5 A	outside 2 A	inside 2,5 A	outside 2 A	outside 2 A	inside 2,5 A	outside 2 A	inside 4 A	inside 4 A	outside 6 A	inside 30A
		Floating	W2	W2	W2	W2	Floating	Floating	Floating	Floating	Floating	Floating	Floating	Floating	Floating	Floating
		12 V DC	12 V DC	12 V DC	12 V DC	12 V DC	12 V DC	12 V DC	12 V DC	12 V DC	12 V DC	12 V DC				
				■												
		■		■		■	■		■			■				
		1,8 m ø25 mm²	0,6 m ø16 mm²	1,1 m ø25 mm²	0,6 m ø16 mm²	1,1 m ø25 mm²	1,3 m ø25 mm²	1,4 m ø25 mm²	1,3 m ø25 mm²	1,8 m ø25 mm²	1,8 m ø35 mm²	1,8 m ø25 mm²	1,8 m ø35 mm²	2 m ø50 mm²	2 m ø70 mm²	2,5 m ø50 mm²
		37×20×46	26×10×29	33×17×37	26×10×29	35×14×37	35×19×40	33×15×32	35×19×40	31×19×35	33×15×32	37×20×46/ 37×20×57	34×18×46	63×39×30	112×35×43	70×65×91
		18 kg	6,5 kg	8,5 kg	6,5 kg	9 kg	13,5 kg	12 kg	13,5 kg	18,4 kg	16 kg	18/21 kg	22 kg	34 kg	68 kg	29 kg +
												★	★★ ★	★★★★		
												MINI PRO	PRO	UNIVERSAL PRO		

OFF
Après chaque utilisation
After each use
Nach jeder Anwendung

ATTENTION HORS UTILISATION
Laisser le chargeur branché
en permanence.

CAUTION ON STAND BY
Keep your GYSPACK connected to the mains supply.

ACHTUNG WENN NICHT IN GEBRAUCH
Ladegerät dauernd angeschlossen lassen.

ATTENTION CUANDO ESTA APAGADO
Dejar el cargardor conectado permanentemente.

OPGELET BUITEN GEBRUIK
Laat de lader onafgebroken aangesloten.



NATO / OTAN : PRODUITS COMPATIBLES

- Compatible Products -Kompatible Produkte

NATO ID / NCAGE : F8154 CG730

	GYSFLASH 30.12, 50.12 FV 100.12, 101.12 CNT 30.24 , 50.24 102.12, 32-12PL	GYSFLASH 101.24 CNT FV 121.12 CNT FV	GYSFLASH 123.12 CNT FV 103.24 CNT FV	GYSFLASH 53.48 CNT FV	GYSFLASH 15.24 XTREM	STARTIUM 980E	STARTPACK PRO 12.24 XL
NATO CONNECTOR 026780							
Anderson/NATO 5 m - 16 mm² 026810	✓	—	—	✓	—	—	—
Texas/NATO 5 m - 25 mm² 025707 10 m - 25 mm² 056626	—	✓	✓	—	—	—	—
Texas/NATO 3.5 m - 50 mm² 025653	—	—	—	—	—	✓	—
Anderson/NATO 2 m - 50 mm² 026803 3 m - 50 mm² 072589	—	—	—	—	—	—	✓
2pts/NATO 5 m - 4 mm² 025837	—	—	—	—	✓	—	—
2pts/NATO Spiral 5 m 028968	—	—	—	—	✓	—	—





BATTERIES DE TRACTION : PRODUITS COMPATIBLES -

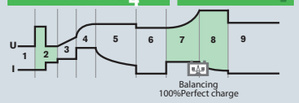
Compatible Products - Kompatible Produkte

Pb 9 STEP



1. Status analysis
2. Recovery
3. Sulphation test
4. Desulfation
5. Fast charge 80%
6. Absorption
7. Test Absorption
8. Brewing
9. Floating 100%

Lithium Ready LiFePO4 9 STEP LiFePO4



1. Status analysis
2. UVP Wake Up
3. Recovery
4. Fast charge 90%
5. Absorption 95%
6. Test
7. Completion
8. Ionic mixing
9. Floating 100%

YouTube





BATIUM 25/24 X

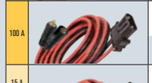


GYSFLASH 30.24 50.24 & 101.24



GYSFLASH 103.24 53.48

		6 h	7 h	8 h	9 h	10 h	11 h	12 h	13 h	14 h	CURRENT
24 V	BATIUM 25.24 X	75 Ah	90 Ah	120 Ah	125 Ah	130 Ah	140 Ah	155 Ah	165 Ah	180 Ah	25 A
	GYSFLASH 15.24 PLE GYSFLASH 30.24	65 Ah	70 Ah	85 Ah	95 Ah	105 Ah	115 Ah	125 Ah	135 Ah	150 Ah	15 A
	GYSFLASH 51.12	105 Ah	115 Ah	140 Ah	160 Ah	175 Ah	190 Ah	220 Ah	225 Ah	250 Ah	25 A
	GYSFLASH 50.24	210 Ah	230 Ah	280 Ah	315 Ah	350 Ah	380 Ah	415 Ah	450 Ah	500 Ah	50 A
	GYSFLASH 101.24	420 Ah	460 Ah	560 Ah	630 Ah	700 Ah	760 Ah	830 Ah	900 Ah	1000 Ah	100 A
	GYSFLASH 103.24	420 Ah	460 Ah	560 Ah	630 Ah	700 Ah	760 Ah	830 Ah	900 Ah	1000 Ah	100 A
48 V	GYSFLASH 25.48	105 Ah	115 Ah	140 Ah	160 Ah	175 Ah	190 Ah	220 Ah	225 Ah	250 Ah	25 A
	GYSFLASH 51.48 GYSFLASH 53.48	210 Ah	230 Ah	280 Ah	315 Ah	350 Ah	380 Ah	415 Ah	450 Ah	500 Ah	50 A

100 A		Cables Anderson 175A/Texas 5 m - 25 mm² 025721
100 A		Cables REMA 160A/Texas 5 m - 25 mm² 025714
15 A 50 A		Cables REMA 160A/Anderson 5 m - 16 mm² 069091
30 A 50 A		Cables Anderson 175A/ Anderson 5 m - 16 mm² 069107

BOOSTERS

LITHIUM INSIDE

SPECIAL HOBBY • Utilisation non professionnelle
• Non professional use • Nicht für gewerblichen Gebrauch.











PRO ★★★

- START ENGINE
- POWER BANK
- LIGHT

PRO XL ★★★★



PRO ★★★

12 V

NOMAD POWER VAC 350

400 A

0,26 m - 5,26 mm2 → AWG10

028937



ACCESSORIES
included for NOMAD POWER **VAC 350**

SMART CABLE
MULTI SECURITIES



NOMAD POWER 300

350 A

0,28 m - 5,2 mm2 → AWG10

025875



ACCESSORIES
included for NOMAD POWER **300**



NOMAD POWER 400

500 A

0,28 m - 5,2 mm2 → AWG10

025882



ACCESSORIES
included for NOMAD POWER **400**



NOMAD POWER 500

550 A

0,4 m - 8,3 mm2 → AWG8

027145
GB : 069633



ACCESSORIES
included for NOMAD POWER **500**



NOMAD POWER PRO 700

600 A

0,26 m - 8,3 mm2 → AWG8

027510
GB : 028838



SMART CABLE
MULTI SECURITIES

ACCESSORIES
included for NOMAD POWER **PRO 700**



12 V

NOMAD POWER PRO 12 XL

1000 A

0,8 m - 21 mm2 → AWG4

025912
GB : 069640

12 / 24 V

NOMAD POWER PRO TRUCK

600 A

0,55 m - 13,3 mm2 → AWG6

027527
GB : 028845



ACCESSORIES
included for NOMAD POWER **500**



24 V

NOMAD POWER PRO 24 XL

1400 A

0,8 m - 21 mm2 → AWG4

025905
GB : 069657



ACCESSORIES
included for

NOMAD POWER **PRO 12 XL**
NOMAD POWER **PRO 24 XL**



	LITHIUM			I			J						POWER BANK				cm	kg
	CAPACITY/CELL	TYPE	FULL CHARGE	Start (6 V)	Cranking CC	Peak Battery	(3s)	START PETROL & DIESEL	CABLE	MULTI SECURITIES	INPUT	MICRO USB	OUTPUT			OBD		
NP VAC 350	2.5 Ah - 37 Wh	NMC	5 h	400 A	800 A	1000 A	9000 J	12 V	5 V- 2 A	•	5 V/2 A	5 V/2 A (Type C)	5 V/2 A	•	2	—	27.2 × Ø 6.5	0.48
NP 300	2.5 Ah - 37 Wh	NMC	5 h	350 A	700 A	900 A	8000 J	12 V	12 V 5 V- 2.1 A	•	5 V/2 A	—	5 V/9V/12V - 5 V/2 A	•	2	—	14.6 × 7.8 × 3.1	0.365
NP 400	3 Ah - 45 Wh	NMC	5 h	500 A	1000 A	1200 A	11000 J	12 V	12 V 5 V- 2.1 A	•	5 V/2 A	—	5 V/9V/12V - 5 V/2 A - 15V/5A	•	2	—	17.5 × 8.4 × 3.1	0.498
NP 500	5.25 Ah - 77.7 Wh	NMC	6 h	550 A	1300 A	1500 A	12000 J	12 V	12 V 5 V- 2 A	•	5 V/2 A 9 V/2 A	—	5 V/1A - 5 V/2.1 A	•	2	—	22.5 × 9.1 × 3.4	0.610
NP PRO 700	6 Ah - 92.5 Wh	NMC	9 h	600 A	1500 A	2000 A	14000 J	12 V	—	•	9 V/2 A 12 V/1.5 A	5 V/2 A (Type C)	5 V/2.4 A - 9 V/2 A 12 V/1.5 A - 15 V/10 A	•	2	—	22.8 × 10 × 3.8	0.82
NP PRO TRUCK	5.3 Ah - 137 Wh	NMC	10 h	600 A	1500 A	2000 A	12 V : 14000 J 24 V : 35000J	12 V/24 V	—	• Integrated	9 V/2 A 12 V/1.5 A	5 V/2 A (Type C)	5 V/1 A - 5 V/2.1 A - 12 V/10 A	•	2	•	24.8 × 24.8 × 9.6	2.4
NP PRO 12XL	8 Ah - 118.4 Wh	NMC	5 h	1000 A	1800 A	3000 A	22000 J	12 V	12 V/15 A 4 A	—	18 V/2 A	—	5 V/2.1 A - 12 V/3.5 A 12 V/10 A - 19 V/3.5 A	•	2	•	27.4 × 27.8 × 11	5.6
NP PRO 24XL	8 Ah - 236.8 Wh	NMC	10 h	1400 A	2400 A	3000 A	60000 J	24 V	12 V/15 A 4 A	—	18 V/2 A	—	5 V/2.1 A - 12 V/3.5 A 12 V/10 A - 19 V/3.5 A	•	2	•	27.4 × 27.8 × 11	5.6

MADE IN CHINA

Recommendation	
NP VAC 350	5 › 70 Ah
NP 300	5 › 70 Ah
NP 400	5 › 90 Ah
NP 500	5 › 120 Ah
NP 700	5 › 140 Ah
NP PRO TRUCK	5 › 140 Ah — Max capability (minimum charge needed)
NP PRO 12XL	5 › 180 Ah
NP PRO 24XL	› 240 Ah

OPTION

MEMORY AUTO SAVE CABLE OBD **1,5 m**

for **NP** 12XL & 24XL

027534



BOOSTERS

SUPER CAPACITORS INSIDE

SANS BATTERIE - BATTERYLESS
- OHNE BATTERIE

NEW TECHNOLOGY - FULL ELECTRONIC CONTROL



- ✓ NO BATTERY INSIDE
- ✓ NO MAINTENANCE
- ✓ ALWAYS READY
- ✓ BOOSTER SANS BATTERIE INTERNE
- ✓ AUCUNE MAINTENANCE
- ✓ TOUJOURS PRÊT
- ✓ KEINE INTERNE BATTERIE
- ✓ KEINE WARTUNG
- ✓ IMMER BEREIT

EASY TO USE

2 minutes!



-40/+65°C

STARTRONIC 800

800 A | 12 V | GO > 5 V

026735





5× 800 F INSIDE

INCLUDED

CIGARETTE LIGHTER for Easy charge

STARTRONIC 800 & HYBRID 950

027404

STARTRONIC HYBRID 950

SUPERCAPACITORS + LITHIUM

950 A | 12 V | GO > 1 V

026117



Digital control



PROFESSIONAL • IMMEDIATE
HYBRID TECHNOLOGY
UNIVERSAL STARTER

- ✓ SMART
- ✓ SECURITY
- ✓ POWER

5× 950 F + Lithium INSIDE

INCLUDED
STARTRONIC HYBRID 950

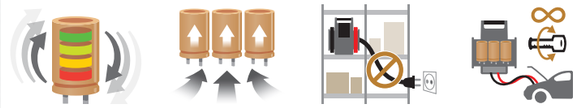
Lithium battery



027411

		I						INPUT CHARGE / Charging time									
								12 V		12 V / 10 A		5 V / 2 A					
		1V/C	START ICC	Peak		Number of Capacitors	Integrated Inverter	OFF	ON	OFF	ON	MICRO USB Type B		internal lithium battery	cm	kg
MADE IN CHINA	STARTRONIC 800	800 A	1 400 A	–	12 V	5 × 800 F	•	4 min	60 s	4 min	4 min	5 V/2 A	40 min	–	26,7 × 19.5 × 5	1,86
MADE IN CHINA	STARTRONIC HYBRID 950	950 A	1 660 A	–	12 V	5 × 950 F	•	4 min	60 s	4 min	4 min	5 V/2 A	40 min	30 min	25 × 18.5 × 6	1,86
MADE IN FRANCE	GYSCAP 680E	1 600 A	2 700 A	9 000 A	12 V	5 × 3000 F	•	15 min	2 min	15 min	15 min	–	–	–	35 × 44 × 19	8,2
	GYSCAP 24V	2 500 A	4 500 A	10 000 A	24 V	10 × 3000 F	•	15 min	2 min	30 min	30 min	–	–	–	32 × 49 × 21.5	12

SUPERCAPACITORS



- ✓ 1 MILLION CYCLES
- ✓ ULTRA FAST CHARGE
- ✓ NO CHARGE STORAGE
- ✓ UNLIMITED STARTS

SMART STARTER



FULL PROTECTION



-40/+65°C

SMART STARTER MANAGEMENT SYSTEM







12 V | 5× 3000 F INSIDE

GYSCAP 680E

1600 A | 12 V | GO > 1 V

026773

1.7 m - 25 mm2
Cables 100% Cu

Homologations / Approvals / Zulassungen :
PSA17.1716

24 V | 10× 3000 F INSIDE

GYSCAP 24V

2500 A | 24 V | GO > 2 V

028944

2 m - 50 mm2
Cables 100% Cu

INCLUDED
CIGARETTE LIGHTER for Easy charge
1.5 m



GYSCAP 680E / GYSCAP 24V

OPTION
GYSFLASH 4.12
p.6



F5
p.14



GYSCAP 680E / GYSCAP 24V

Recommendation														
STARTRONIC 800	5 < 90 Ah													
STARTRONIC HYBRID 950	5 < 100 Ah													
GYSCAP 680 E	5 < 150 Ah													
GYSCAP 24V													225 Ah	

TESTERS

YouTube
PLAYLIST
BATTERY TESTERS















LED

BT 001
12 V | 7 › 230 Ah
056640







NUMERIC

NBT 100
12 V | 20 › 150 Ah
024151



NBT 200
12 V | 20 › 150 Ah
ALTERNATOR 12 V
024168









TRADITIONAL

TBP 100
6/12 V | 20 › 100 Ah
055131



TBP 500
12 V | 10 › 160 Ah
055148



ELECTRONIC & CONNECTED

Wireless battery monitor
Indicateur de charge sans fil
12/24 V | 7 › 240 Ah
024212



BTW 6V/12V
6/12 V | 7 › 240 Ah
ALTERNATOR 12/24 V
077355
START STOP



BTW 300 DHC
6/12 V | 7 › 240 Ah
ALTERNATOR 12/24 V
056664
START STOP

DIGITAL

DBT 300
12 V | 4 › 150 Ah
ALTERNATOR 12 V
024175



DBT 350
12 V | 7 › 240 Ah
START STOP
ALTERNATOR 12/24 V
025868



DBT 400
6/12 V | 7 › 240 Ah
START STOP
ALTERNATOR 12/24 V
024182



				TEST											
				BATTERY A	BATTERY V	CHARGE & START SYSTEM VEHICLE	PRINT PAPER	DIGITAL	RESULT		TEMPERATURE COMPENSATION		cm	kg
MADE IN CHINA	TBP 100	6-12 V	20 › 100 Ah	•	•	12V	—	—	5/10s	15 min	—	—	16×1.8×30	1.5
	TBP 500	12 V	10 › 160 Ah	•	•	12V	—	—	15s	15 min	—	—	27×26×13	3.75
MADE IN TAIWAN	BTW 300 DHC	6-12 V	7 › 240 Ah	•	min 1.5V	12/24 V	—	—	1s	instant	•	—	10×3×7	0.33
MADE IN CHINA	BTW 6V/12V	6-12 V	7 › 240 Ah	—	min 4,5 V	12/24 V	—	—	1s	instant	•	—	11×3×2	0.11
	BATTERY MONITOR	12-24 V	7 › 240 Ah	—	min 7 V	12/24 V	—	—	1s	instant	•	—	6.5×5×1.5	0.1
	BT 001	12 V	7 › 230 Ah	—	•	12 V	—	LED	1s	instant	—	—	3×12×1.5	0.29
MADE IN TAIWAN	NBT 100	12 V	20 › 150 Ah	•	min 7 V	—	—	•	1s	instant	—	—	7×1.5×12	0.25
	NBT 200	12 V	20 › 150 Ah	•	min 7 V	12 V	—	•	1s	instant	—	—	7×1.5×12	0.25
	DBT 300	12 V	4 › 150 Ah	•	min 4,5 V	12 V	—	rétro-éclairé /back-lit	1s	instant	—	—	12×7.9×22.7	0.25
	DBT 350	12 V	7 › 240 Ah	•	min 8 V	12 / 24 V	—	rétro-éclairé /back-lit	1s	instant	•	—	9.6×3×13.8	0.8
	DBT 400	6-12 V	7 › 240 Ah	•	min 1,5 V	12 / 24 V	—	rétro-éclairé /back-lit	1s	instant	•	6 x 1,5 V CR6-AA	11.5×5×19	0.8

	TEST													
Recommendation	Batteries/Battery/ Ladegeräte	Circuit alternateur/ Alternator Circuit/ Lichtmaschinenschaltkreis		LIQUID	START /STOP ENGINE	EFB	AGM VRLA/GEL							CURRENT CCA SAE
TBP 100	6V 12V		12 V	•	—	—	—		20 › 100 Ah					—
TBP 500	12V		12 V	•	—	—	—			10 › 160 Ah				0 > 1000 A
BTW 300 DHC	6V 12V		12 V 24 V	•	•	•	•		7 › 240 Ah				40 > 2000 A	
BTW 6V/12V	6V 12V		12 V	•	•	•	•		7 › 240 Ah					10 > 2000 A
BATTERY MONITOR	12V 24V		12 V 24 V	•	•	•	•	7 › 240 Ah		7 › 240 Ah			—	
BT 001	12V		12 V	•	•	•	•	7 › 230 Ah		7 › 230 Ah				—
NBT 100	12V		—	•	—	—	—			20 › 150 Ah				200 > 1200 A
NBT 200	12V		12 V	•	—	—	—			20 › 150 Ah				200 > 1200 A
DBT 300	12V		12 V	•	—	•	•	4 › 150 Ah		4 › 150 Ah				40 > 1200 A
DBT 350	12V		12 V 24 V	•	•	•	•	7 › 240 Ah		7 › 240 Ah				40 > 2000 A
DBT 400	6V 12V		12 V 24 V	•	•	•	•		7 › 240 Ah					40 > 2000 A

TESTERS
+ PRINTER

YouTube
PLAYLIST
BATTERY TESTERS

Battery-management software - Gestion logicielle de la batterie - Software batterie management





COMPATIBILITY
USB Barcode scanner 1D/2D
for BT2010, PBT 812, PBT 824
027718
p.27

×6 Languages Sprachen



0.65 m

Homologations
Approvals
Zulassungen

×5 Languages Sprachen



1.2 m

×10 Languages Sprachen



PRINTER • 12 V

PBT 550
12 V | 30 › 220 Ah
START STOP | ALTERNATOR 12 V
024199



×2 (included)
056633

PBT 600
12 V | 30 › 220 Ah
START STOP | ALTERNATOR 12/24 V
024205



×2 (included)
056633

PBT 700
12 V | 7 › 240 Ah
START STOP | ALTERNATOR 12/24 V
024229



Standard 57 mm (W)
×1 (included)
056237

Languages - Sprachen

	GB	FR	DE	IT	ES	PT	CZ	NL	PL	RU	TR
DBT 300											
DBT 350											
DBT 400											
PBT 550											
PBT 600											
PBT 700											
BT 2010											
PBT 812											
PBT 824											
BTW 300DHC											

			TEST A	TEST V	CHARGE & START SYSTEM VEHICLE	PRINT PAPER	DIGITAL	RESULT		TEMPERATURE COMPENSATION		cm	kg
MADE IN CHINA	PBT 550	12 V	30 › 220 Ah	•	min 6 V	12 V	•	rétro-éclairé /back-lit	1s	instant	•	—	55×25	0.55
	PBT 600	12 V	30 › 220 Ah	•	min 8 V	12 / 24 V	•	rétro-éclairé /back-lit	1s	instant	•	—	55×25	1.1
	PBT 700	12 V	7 › 240 Ah	•	min 8 V	12/24 V	•	rétro-éclairé /back-lit	1s	instant	•	—	23,5× 10.2×6.8	0.7
MADE IN TAIWAN	BT 2010 DHC	6-12 V	7 › 240 Ah	•	min 1.5V	12/24 V	•	rétro-éclairé /back-lit	1s	instant	•	6 x 1.5 V LR6-AA	13×6.4 ×25.1	0.7
	PBT 812	6-12 V	7 › 240 Ah	•	min 1.5V	12/24 V	•	color TFT display 2.8"	1s	instant	•	6 x 1.5 V LR6-AA or 18650 lithium battery (not included)	28x14x7.5	0.7
	PBT 824	6-12 -24 (2x12) V	7 › 240 Ah	•	min 1.5V	12/24 V	•	rétro-éclairé /back-lit 4 colors	1s	instant	•	6 x 1.5 V LR6-AA	25×4.5 ×13	0.7

×9 Languages Sprachen



1.8 m

×10 Languages Sprachen

NEW 01 2023



1.8 m

×10 Languages Sprachen



LCD COLOR

1.8 m

PRINTER • 6/12 V

BT2010 START-STOP DHC
6/12 V | 7 › 240 Ah
START STOP | ALTERNATOR 12/24 V
055339



PBT 812
6/12 V | 7 › 240 Ah
START STOP | ALTERNATOR 12/24 V
076686



Included for
BT2010 / PBT 812 / PBT 824



Standard 57 mm (W)
×1
056237

056220	x2	37 mm	7.5 m	25 mm	BT 301 / BT 501 / BT 551
056237	x1	57 mm	28 m	50 mm	RT 777 / PBT 700 / PBT 812 / PBT 824 / BT 2010
056633	x2	57 mm	7.5 m	25 mm	PBT 550 / PBT 600 / PBT 700 / PBT 812 / PBT 824 / BT 2010 / SPM

PRINTER • 6/12/24 V (2x12)

PBT 824
6/12/24 (2X12) V | 7 › 240 Ah
START STOP | ALTERNATOR 12/24 V
025738



Recommendation	TEST Batteries/Battery/ Ladegeräte	TEST Circuit alternateur/ Alternator Circuit/ Lichtmaschinenschaltkreis		PRINT PAPER	LIQUID	START /STOP ENGINE	EFB	AGM VRLA/GEL							CURRENT CCA SAE
PBT 550	12V		12 V	•	•	•	•	•			30 › 220 Ah				100 > 2000 A
PBT 600	12V		12 V 24 V	•	•	•	•	•			30 › 220 Ah				100 > 2000 A
PBT 700	12V		12 V 24 V	•	•	•	•	•	7 › 240 Ah		7 › 240 Ah				40 > 2000 A
BT 2010 DHC	6V 12V		12 V 24 V	•	•	•	•	•	7 › 240 Ah						40 > 3000 A
PBT 812	6V 12V		12 V 24 V	•	•	•	•	•	7 › 240 Ah						25 > 3000 A
PBT 824	6V 12V 24V (2X12)		12 V 24 V	•	•	•	•	•	7 › 240 Ah						40 > 2000 A

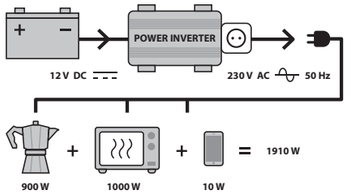
POWER INVERTER

12/24 V DC › 230 V AC

Available for UK socket

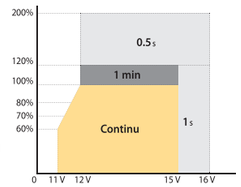
MSW / PSW TECHNOLOGY



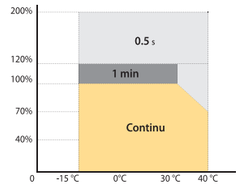


- Tension faible / Surtension / Surcharge / Surchauffe / Court-circuit
- Low volt / Over volt / Over load / Overheating / Output short-circuit
- Unterspannung / Überspannung / Überlastung / Überhitzung / Kurzschluss am Ausgang

Puissance en fonction de la tension de sortie
Power based on output voltage
Leistung in Abhängigkeit von der Ausgangsspannung



Puissance en fonction de la température
Power based on temperature
Leistung in Abhängigkeit von der Temperatur



PSW REMOTE CONTROL

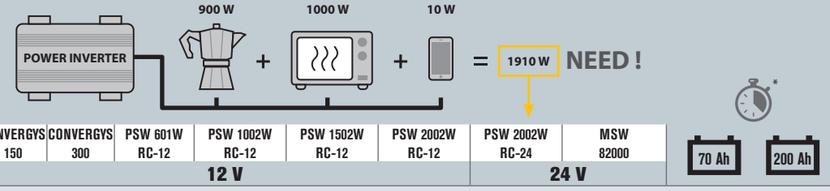
For 601W-12



For 1002W RC-12, 1502W RC-12, 2002W RC-12, 2002W RC-24



Input = 888 V
Output = 888 W



SELECT THE RIGHT POWER INVERTER
- **CHOISISSEZ VOTRE CONVERTISSEUR**
- **WÄHLEN SIE IHREN WECHSELRICHTER**

	CONVERGYS 150	CONVERGYS 300	PSW 601W RC-12	PSW 1002W RC-12	PSW 1502W RC-12	PSW 2002W RC-12	PSW 2002W RC-24	MSW 82000	70 Ah	200 Ah
	12 V						24 V			
ÉLECTROMÉNAGER - HOME APPLIANCE										
Micro-Ondes - Microwave - Mikrowelle				700 - 1000 W					30 - 50 min	1 h 30 - 2 h
Grille Pain - Toaster					800 - 1500 W				20 - 40 min	1 h - 2 h
Réfrigérateur - Fridge - Kühlschrank (40 L)						45 W			12 h	35 h
Bouilloire - Kettle - Wasserkocher				700 - 2500 W					15 - 45 min	35 min - 2 h
Cafetière espresso - Espresso coffee maker - Espresso-Maschine				1000 - 1600 W					20 - 30 min	1 h - 1 h 30
Cafetière filtre - Drip coffee maker - Filterkaffee-Maschine				800 - 1200 W					25 - 40 min	1 h 30 - 2 h
ÉLECTRONIQUE - ELECTRONIC										
Téléphone - Mobile phone - Telefon						5 - 10 W			55 - 110 h	155 - 310 h
Ordinateur portable - Laptop						60 - 95 W			5 - 9 h	16 - 28 h
Radio						10 - 40 W			14 - 55 h	40 - 155 h
TV 15"						40 W			13 h 30	39 h
TV 21"						50 W			11 h	31 h
Console de jeux vidéo - Video game console - Konsole für Videospiele						39 - 100 W			5 - 13 h	16 - 39 h
Appareil photo - Camera - Fotoapparat						4 - 19 W			25 - 135 h	78 - 390 h
CONFORT - COMFORT										
Eclairage - Light - Beleuchtung						100 W			5 h 30	16 h
Chauffage électrique - Electrical heater - Elektrische Heizung						1800 - 2500 W			12 - 20 min	35 - 45 min
Ventilateur - Fan - Lüfter						50 W			11 h	31 h
Sèche cheveux - Hairdryer - Fön						1000 - 2000 W			15 - 30 min	45 min - 1h 30
NAUTISME - SAILING										
Feux de navigation - Navigation lights - Navigationslichter						24 W			30 h	80 h
Radar						24 W			30 h	80 h
Pilote automatique - Autopilot mode						60 W			9 h	30 h
GPS - GPS/Sat nav.						6 W			110 h	310 h

* Usage duration (h) = $\frac{80\,\% \times \text{Capacity (Ah)} \times \text{Optimum Efficiency (\%)} \times \text{Input DC (V)}}{\text{Power (W)}}$

MADE IN CHINA	Power	Peak power	Pure Sin Wave	Optimum Efficiency	Input DC	Output AC	Output USB (2.1) DC	max 150 W			Universal			cm	cm	
CONVERGYS 150	150 W	300 W	—	90,5 %	12V	230V	5V · 2 A	•	—	1.5 mm²	•	—	—	N/A	6 × 10 × 5	0,5 kg
CONVERGYS 300	300 W	600 W	—	85 %	12V	230V	5V · 2 A	•	•	2.5 mm²	•	—	—	N/A	10 × 15 × 6	0,95 kg
PSW 601W RC-12	600 W	1200 W	•	90 %	12V	230V	5V · 2 A	—	cables	6 mm²	•	•	5 m	26.5 × 17 × 7.5	30.5 × 21.5 × 11.5	2,2 kg
PSW 1002W RC-12	1000 W	2000 W	•	90 %	12V	230V	5V · 2 A	—	cables	10 mm²	•	•	5 m	37.5 × 21 × 10	43.5 × 27 × 15	4,7 kg
PSW 1502W RC-12	1500 W	3000 W	•	90 %	12V	230V	5V · 2 A	—	cables	16 mm²	•	•	5 m	37.5 × 21 × 10	43.5 × 27 × 15	5 kg
PSW 2002W RC-12	2000 W	4000 W	•	90 %	12V	230V	5V · 2 A	—	cables	22 mm²	•	•	5 m	38.5 × 25 × 10	45 × 34 × 17	6,25 kg
MSW 82000	2000 W	4000 W	—	80 %	24V	230V	5V · 2 A	—	cables	12 mm²	•	•	—	35 × 20 × 28	45 × 27 × 14.5	5,8 kg
PSW 2002W RC-24	2000 W	4000 W	•	90 %	24V	230V	5V · 2 A	—	cables	12 mm²	•	•	5 m	38.5 × 25 × 10	45 × 34 × 17	6,25 kg

12 V CONVERGYS

CONVERGYS 150
027022
: 027039



CONVERGYS 300
027053
: 027046



12 V PSW PURE SINE WAVE

PSW 601W RC-12
067332
: 067349



PSW 1002W RC-12
067356
: 067363



PSW 1502W RC-12
067370
: 067387



PSW 2002W RC-12
067394
: 067400



24 V MSW MODIFIED SINE WAVE

MSW 82000
027237
: 027244



24 V PSW PURE SINE WAVE

PSW 2002W RC-24
067417
: 067424



INCLUDED FOR ALL



POWER PACK

12 V › 230 V

Using Time		
	50 W	8 h
	100 W	4 h
	250 W	1 h 40
	500 W	50 min

Using Time		
	50 W	20 h
	100 W	10 h
	250 W	4 h
	500 W	2 h
	1000 W	1 h

FULL PROTECTION

Short-circuit protection,
Over-current protection,
Over-voltage protection,
Under-voltage protection
Over-load protection,
Temperature protection

MPPT integrated

Solar panel compatibility

PORTABLE POWER STATION







4in1

1 230 V - 50 Hz / 500 W

UNIVERSAL OUTPUT



Type C / E / F / G / I

2 12 V / 12 A

x1 Cigarette lighter + x2 DC

3 USB

x1 Type C 5V/3A ; 9V/3A ; 12V/3A 15V/3A ; 20V/2.25A + x1 QuickCharge 3.0 5V/3A ; 9V/2A ; 12V/1.5A

Dual x2 5V/3.1A (Single : 2.4A Max)

4 LIGHT

3 MODES

- Light
- S.O.S
- Spot

POWER PACK 520

518 Wh | 20 Ah

027961



POWER PACK 520 charging câbles

MPPT integrated

Solar panel compatibility



5in1

1 230 V - 50 Hz / 1000 W



Type C / E / F

2 12 V / 10 A

x1 Cigarette lighter + x1 DC

3 USB

x1 Type C 5V/3A ; 9V/3A ; 12V/3A 15V/3A ; 20V/2.25A + x1 QuickCharge 3.0 5V/3A ; 9V/2A ; 12V/1.5A

Dual x2 5V/3.1A (Single : 2.4A Max)

4 LIGHT

5 MODES

- Light
(Low - Medium - High)
- S.O.S.
- Spot

POWER PACK 1300

1280 Wh | 50 Ah

071988

ACCESSORIES included for POWER PACK 1300



5 BOOSTER

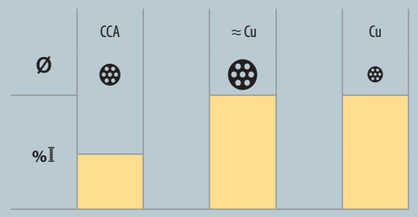
12 V PETROL & DIESEL

	LITHIUM			I		Nb cycles		POWER OUT	INPUT	OUTPUT	POWER SUPPLY		LIGHT	mm	kg
	CAPACITY/CELL	FULL CHARGE	TYPE	Start	Peak										
POWER PACK 520	518 Wh	8 h	NMC	—	—	1000	Pure Sine Wave	500 W	12-30V 80W max	5 V/3 A ; 9 V/2 A ; 12 V/1.5 A 12 V/12 A ; 5 V/3.1 A 230 V/50 Hz/500 W (AC) × 2	•	3 + 1 (MICRO USB - Type C)	1 × LED	264 × 234 × 163	5.14
POWER PACK 1300	1280 Wh	7 h - 11 h selon le mode de recharge	LFP	500 A	1000 A	2000	Pure Sine Wave	1000 W	12-30V 200W max	5 V - 9 V - 12 V - 16 V/3 A 20 V/3 A ; 20V/5 A ; 12 V/10 A 230 V/50 Hz × 3	•	4 + 2 (MICRO USB - Type C)	1 × LED	360 × 270 × 280	17.5

RECOMMENDATION															
POWER PACK 520	•	•	•	•	•	•	•								
POWER PACK 1300	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•

JUMPER CABLES

320 A › 1000 A



	CCA	≈ Cu	Cu
056206	•	—	—
564015	•	—	—
056404	•	—	—
056190	—	—	•
056602	—	—	•
056312	—	•	—
056329	—	•	—
056336	—	•	—
027695	—	•	—
056343	—	•	—
056558	—	—	•
056541	—	—	•
056619	—	—	•

PRO BRASS CLAMPS

PINCES LAITON, NON ISOLÉES - Brass clamps, NOT INSULATED • Messingklemmen, nicht isoliert • Pinzas de latón, no aisladas • Koperen klemmen, niet geïsoleerd • Garras bronze, latão isoladas • Ακροδάκτες χαλκού χωρίς μόνωση • ЛАТУННЫЕ ЗАЖИМЫ, НЕИЗОЛИРОВАННЫЕ • 黄铜夹,无绝缘



MADE IN CHINA

			x 8	
056206	320 A	3 m	—	16 mm² (CCA)
564015	500 A	3 m	—	25 mm² (CCA)
056404	700 A	4,5 m	—	35 mm² (CCA)
056602	1000 A	5,1 m	—	50 mm² **(100% Cu)**

MADE IN FRANCE

056190	1000 A	4,5 m	INCLUDED	50 mm² **(100% Cu)**

PRO INSULATED CLAMPS

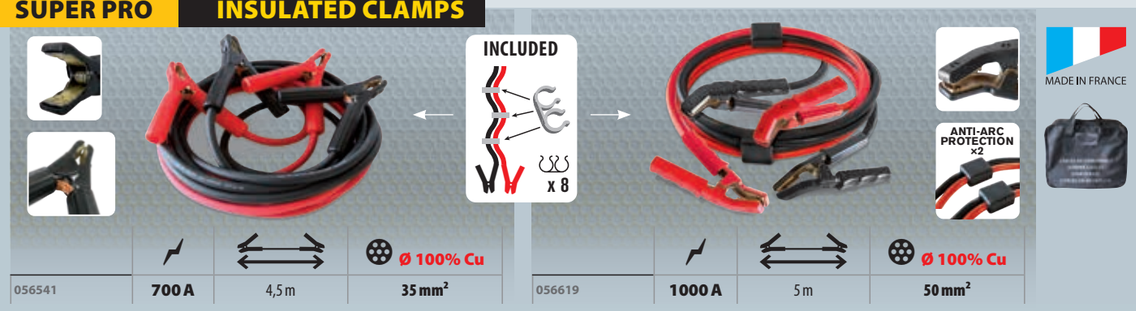
PINCES ISOLÉES- INSULATED CLAMPS • ISOLIERTE KLEMMEN • Pinzas aisladas • Garras isoladas • Geïsoleerde klemmen • Μονωμένοι ακροδέκτες • Изолированные зажимы • 绝缘充电夹





			ESSENCE BENZINE PETROL	DIESEL		x 8	≈ Ø Cu	DIN 72553
MADE IN CHINA	056312	200 A	1,5 l		3 m	—	10 mm²	—
	056329	320 A	2,5 l		3 m	—	16 mm²	•
	056336	500 A	5,5 l	3 l	3,5 m	—	25 mm²	•
	056343	700 A	7 l	4 l	4,5 m	—	35 mm²	•
MADE IN FRANCE	056558	1000 A	7 l	4 l	4,5 m	INCLUDED	50 mm² **(100% Cu)**	—

SUPER PRO INSULATED CLAMPS



056541	700 A	4,5 m	Ø 100% Cu	35 mm²	056619	1000 A	5 m	Ø 100% Cu	50 mm²

CÂBLES DE DÉMARRAGE - BOOSTER CABLES • Starterkabel - CABLES DE ARRANQUE - CAVI DI AVVIAMENTO







DIN 72553		ESSENCE BENZINE PETROL	DIESEL		≈ Ø Cu
027695	350 A	5,5 l	3 l	3,5 m	25 mm²

EV CHARGING

10 A → 32 A

Rechargement EV • Laden für Elektrofahrzeuge • Carga de EV • EV carregando • EV opladen • Φόρτιση EV • Зарядка электромобиля • 电动汽车充电



SUPER PRO SMART EV CHARGE

10 → 32 A **1 ph / 3 ph**

075320



INCLUDED



more output options...



10 A / 13 A / 16 A / 20 A / 32 A — available on request

IP 55

4,5 kg — 23 x 16 x 9 cm

Power	10 A	13 A	16 A	20 A	32 A
230V	2.3 kW	2.9 kW	3.7 kW	4.6 kW	7.4 kW
400V	6.9 kW	8.9 kW	11 kW	14 kW	22 kW



PORTABLE EV CHARGER

10/16 A **1 ph**

028975



EV CHARGING CABLES

32 A **1 ph**

028982

32 A **3 ph**

028999

	IP	U_1	I_1	P				
SUPER PRO SMART EV CHARGE	55	1 ph / 3 ph + N	10/13/16/20/32 A	2,3 → 22kW	•	•	5 m	Type 2
PORTABLE EV CHARGER	66	1 ph	10 / 16 A	3,7 kW	•	—		Type 2
EV CHARGING CABLE	66	1 ph	32 A	7,4 kW	—	•		Type 2
	66	3 ph	32 A	22 kW	—	•		

OPTION



060432

ACCESSOIRES



Pince ampèremétrique - Clamp-on ammeter - Strommesszange

400 A 053991

600 A 053984

CABLES EN 60245-6/H01N2-D (Caoutchouc - Rubber)

EN 60974-9



	↔ L		A (60%)	A (35%)
16 mm²	100 m	046252	121	131
	✂ x m	046207		
25 mm²	5 m	045408	165	185
	100 m	046603		
	✂ x m	046306		
35 mm²	100 m	046702	211	243
	✂ x m	046405		
50 mm²	100 m	046801	275	323
	✂ x m	046757		
70 mm²	✂ x m	046832	351	419
95 mm²	✂ x m	046863	433	527

HIGH FLEXIBILITY ELECTRICAL CABLES





	↔ L			A (60%)	A (35%)
10 mm²	100 m	054882	054875	88	92
	20 m	056107	056091		
16 mm²	100 m	054905	054899	120	130
	20 m	056121	056114		
25 mm²	100 m	054929	054912	164	184
	20 m	056145	056138		
35 mm²	100 m	054943	054936	210	240
50 mm²	100 m	054967	054950	273	320
70 mm²	50 m	—	056565	310	380

PINCES - Clamps • Klemmen • Pinzas • Garras • Ακροδέκτες • Зажимы • 充电夹

	40 A	60 A	60 A	200 A	300 A	600 A	650 A	700 A	850 A	1000 A	300 A	600 A
I 100%	30 A	60 A	60 A	100 A	200 A	120 A	120 A	120 A	170 A	200 A	-	-
I peak	75 A	150 A	150 A	200 A	300 A	600 A	650 A	700 A	850 A	1000 A	-	-
max	✂↕ 30 mm	✂↕ 25 mm	✂↕ 25 mm	✂↕ 38 mm	✂↕ 45 mm	✂↕ 40 mm	✂↕ 35 mm	✂↕ 28 mm	✂↕ 44 mm	✂↕ 55 mm	✂↕ 38 mm	✂↕ 38 mm
max	2.5 mm²	10 mm²	10 mm²	16 mm²	25 mm²	35 mm²	25 mm²	25 mm²	35 mm²	70 mm²	50 mm²	95 mm²
			Compact									
	(×2)		NEW					NEW				
	055537	055520	071896	071889	053502	053403	053700	053601	053779	053786	055551	055544
	053106	024816 (×2)	071872 (×2)								025783	025776
											053816	053793
											025769	025752
											038059	038066

COSSES BATTERIE - Battery Terminal - Polklemmen - Terminales batería - Accupool - Terminais de bateria - Πόλος μπαταρίας Контакты аккумуляторной - батареи - 电池端子

	ø 10 mm / 35 mm²		ø 13 mm / 50 mm²		ø 16 mm / 70 mm²
	 ×1					
⊕ & ⊖		×25	×25	×25	×25	×25
054400		⊕ 054431	054332	054417	054356	054370
		⊖ 054448	054349	054424	054363	054387

COSSES - Cable lugs - Terminal Kabelschuhe - Kabelschoen



16 mm²	M10	×10	038219
25 mm²	M10	×10	038226
35 mm²	M14	×10	038233
50 mm²	M14	×10	038240



75 mm²	M16	×10	038257
125 mm²	M15	×5	038264



25 mm²	M5	×100	047525
35 mm²	M6	×100	047532
50 mm²	M10	×100	047549



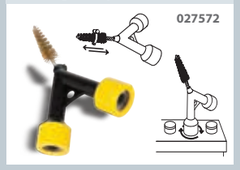
10 mm²	M16	×100	047501
16 mm²	M15	×100	047518



70 mm²	M10	×100	047556
95 mm²	M10	×50	047570

NETTOYEUR COSSES / BORNES - Cleaning brush poles / terminals

027572



CONNECTEURS TEXAS - Dinze connectors - Stecker - Conectadores - Schakeleaars - Conectores



	I A max	mm²	Ø mm	Ø mm	Compatibility		Ref.
CFM 25.14	200	10/25	14	9	CM 25.14, CF 25.14	x1	045507
CFM 50.21	300	35/50	21	13	CM 50.21, CF 50.21	x1	045606
CFM 70.21	400	50/70	21	13	CM 70.21	x1	047488



CM

CM 25.14	200	10/25	14	9	CF 25.14	x20	045668
CM 50.21	300	35/50	21	13	CF 50.21	x10	045613
CM 70.21	400	50/70	21	13	CF 70.21	x5	045750
CM 95.24	500	70/95	24	13	CF 95.24	x5	047495

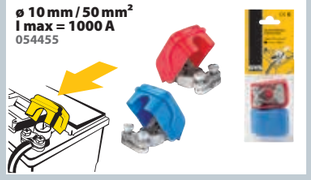


CF

CF 25.14	200	10/25	14	9	CM 25.14	x30	045651
CF 50.21	300	35/50	21	13	CM 50.21	x10	045620
CF 70.24	400	50/70	24	13	CM 70.21	x5	045736
CF 95.24	500	70/95	24	13	CM 95.24	x5	072374

QUICK CONNECTORS

ø 10 mm / 50 mm²
I max = 1000 A
054455



FUSIBLES - Fuses - Sicherungen - Fusibles - Zekeringen - Fusíveis - Ασφάλειες - Плавкие предохранители - 保险丝



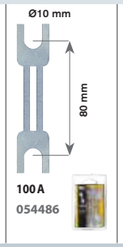
×5

6.3 A	054578
10 A	056527



×10

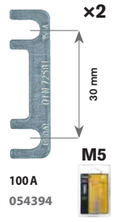
10 A	054530
15 A	054493
20 A	054509
25 A	054516
30 A	054523
40 A	054554



Ø10 mm

80 mm

100 A 054486

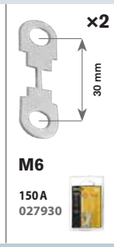


×2

30 mm

M5

100 A 054394

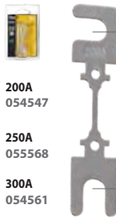


×2

30 mm

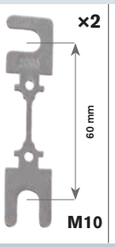
M6

150 A 027930



×2

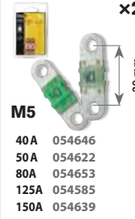
200A	054547
250A	055568
300A	054561



×2

60 mm

M10

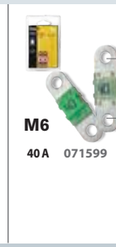


×2

30 mm

M5

40 A	054646
50 A	054622
80 A	054653
125 A	054585
150 A	054639



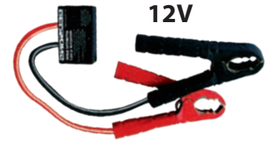
×2

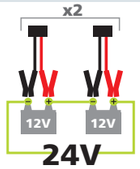
M6

40 A 071599

PROTECTION ANTI–ARC - Anti-arc protection - Lichtbogenschutz - Protección anti-arco - Piekspanningsbeveiliging - Protecção anti-faísca - Αντι-σπινθηρική προστασία - Защита против дуги - 抗电弧保护

041318





×2

12V 12V

24V

PORTE–BATTERIE AJUSTABLE - Adjustable batterie carrier - Einstellbarer Batteriehalter - Porta-baterías ajustable - Переноска для аккумулятора

058354



100 ~ 180 mm

PÈSE ACIDE ANTIGEL - Acidimeter (PH Meter) - Säure/Frostschutzmittel-Tester- Acido densímetro anticongelante - Zuurweger - Medidor de PH (ácido) - Μετρητής οξύτητας (PH) - Ацидиметр (pH-метр) - 防冻酸度计

054103



KIT SOLAIRE DE MAINTIEN DE CHARGE AVEC ACCESSOIRES - Solar powered charger with accessories - Solarpanel zur Ladeerhaltung mit Zubehör - Kit solar de mantenimiento de carga - Солнечная панель для поддержания заряда в наборе с аксессуарами



4.5W

072411

STATION MULTICHARGE POUR BATTERIES - Multi charge station for batteries - Multi-Ladestation für Starterbatterien

Charge automatique • Automatic charge • Automatischer Ladevorgang

4 × 5A 12V (liquid/gel)
5 étapes • 5 steps • 5 Schritte
Pulse/Boost/Egalisation/100%/Floating
Maintenance/Zusatzhülsenkit

10◢100 Ah

DHC 54E
025097



SAUVEGARDE MÉMOIRE OBD - Memory auto save - Sichetung des Speichers - Salvaguardia memorias - Salvaguardas de memória - Αυτόματη αποθήκευση ρυθμίσεων - Сохранение настроек - 记忆储存器



< 4 A

7 Ah INSIDE



Automatic TIMER STOP

GYSPACK OBD
054998
GB: 055001







OBD



OFF

Après chaque utilisation
After each use
Nach jeder Anwendung

INSIDE	MEMORY SAVER			
	OBD			
12 V - 7 Ah	< 4 A	< 4 A	25 × 18 × 25 cm	3 kg

MADE IN P.R.C.

CABLE OBD - Câble OBD - Kabel für OBD

054202	Fuse 7,5 A 1,5 m	



LAMPE BALADEUSE
- Hand Lamp
- Handleuchte

100-250 lumens (×3)

TRIPODE 250 L
3 × 1 W COB LED

3 × 3.6 V
300 mAh
AAA rechargeable, Ni-MH, USB charging (6h)

operating time
High position : 1 h
Low position : 3 h
Flashing : 5 h

260 × 100 × 100 mm

059955



400 lumens

400 L
COB LED

Li-ion
Charging time : 8h

operating time
High position : 2.5 h
Low position : 5 h
Top light (1 W) : 6 h

230 × 65 × 40 mm

059153



250-600 lumens

PRO 600 L
COB LED, 80 CRI

3.7 V - 2200 mAh Li-ion
micro USB charging (3.5 h)

operating time :
High position : 1.5 h,
Mid position : 4.5 h,
Top light (100 lumens) : 10 h

190 × 56 × 29 mm
IP 54
210g

060883



200-400 lumens

ÉTANCHE 400 L
COB LED

3.7 V - 2000 mAh Li-ion
USB charging (4/6 h)

operating time
High position : 2 h
Mid position : 4 h
Top light (4 W) : 3 h

285 × 65 × 65 mm
IP 56

059948

Étanche - Waterproof



LAMPE INSPECTION
- Inspection Lamp
- Inspektionslampen

100-200 lumens

MINI 200 L
COB LED, 80 CRI, 6500 K

3.7 V - 700 mAh Li-ion
micro USB charging (2.5 h)

operating time
High position : 1.5 h
Low position : 4 h
Top light : 3.5 h

IP 20
76 g, 174 × 27.5 × 28 mm

060852



100-280 lumens

FRONTALE 280 L
3 W COB LED
80 CRI+, 6500 K

3.7 V - 1500 mAh Li-po
micro USB charging
operating time
High position : 2 h
Low position : 6 h

IP 65, 110 g
78.5 × 47.5× 42 mm

060845



0 > 600 lumens

PRO 600 L
6500 K

3.7 V - 2600 mAh Li-ion

operating time
1.5 > 15 h

380 × 40 × 45 mm
300 g
057760
058309



LAMPE SOUS CAPOT
- Under bonnet lamp
- Leuchte für Motorhaube

300-600 lumens

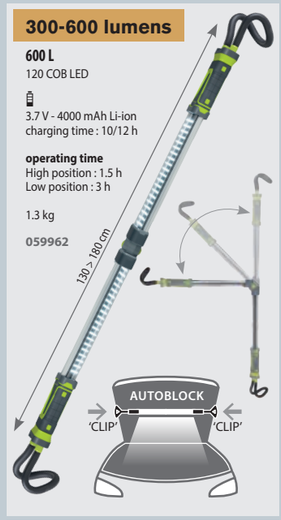
600 L
120 COB LED

3.7 V - 4000 mAh Li-ion
charging time : 10/12 h

operating time
High position : 1.5 h
Low position : 3 h

1.3 kg

059962



250-800 lumens

800 L
120 COB LED

3.7 V - 4000 mAh Li-ion
charging time : 10/12 h

operating time
High position : 3 h
Low position : 6 h

058002
058316



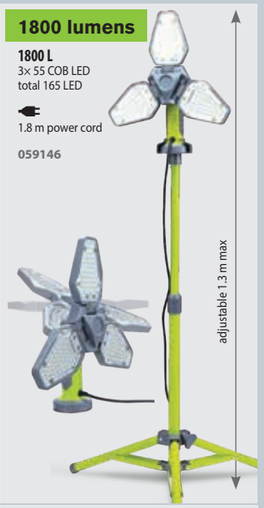
PROJECTEUR SUR TRÉPIED
- Worklight with tripod
- Arbeitsleuchte mit Standfuß

1800 lumens

1800 L
3× 55 COB LED
total 165 LED

1.8 m power cord

059146



3000 lumens

3000 L
35 W COB LED

2 m power cord

IP 44

059979

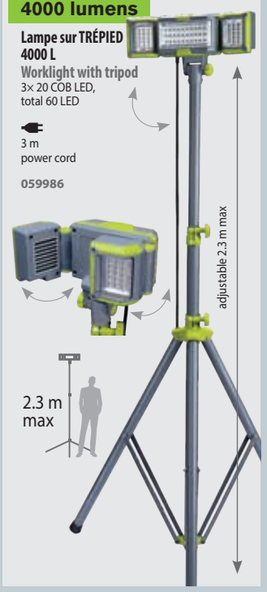


4000 lumens

Lampe sur TRÉPIED 4000 L
Worklight with tripod
3× 20 COB LED,
total 60 LED

3 m
power cord

059986



LAMPE AMBIANCE 360° - 360° ambiant lamp

60 > 1000 lumens

PORTABLE 1000 L
>80 CRI SMD LED
6500 K

3.7 V - 5200 mAh Li-ion
USB charging (4.5h)
USB power supply

operating time 2 > 27 h

260 × 75 × 75 mm
IP 54
450 g

059764



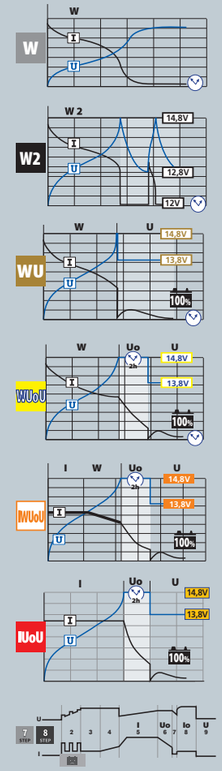
AUTOMOTIVE BATTERIES

Batteries de démarrage - Starterbatterien - Baterías de arranque - Automotive accu's - Baterias de Automóvel - Μπαταρίες οχημάτων - Пусковые батареи - 汽车启动电池

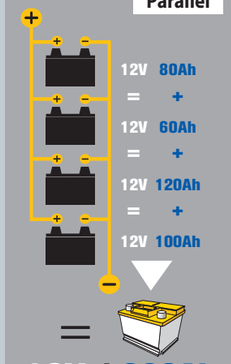
Curves	LIQUID Calcium / Silver	Start & Stop / AGM / EFB / GEL / Optima	Unattended charge	100% charged	Maintenance	Battery desulphation	Fast Charge	Fast Charge ++
W	✓	-	-	-	-	-	-	-
W2	✓	-	✓	-	-	-	-	-
WU	✓	-	✓	-	✓	-	-	-
WUoU	✓	✓	✓	✓	✓	-	-	-
IWUoU	✓	✓	✓	✓	✓	✓	✓	-
I REGULATED IUoU FAST CHARGE	✓	✓	✓	✓	✓	-	✓	✓
7 STEP 8 STEP GYSFLASH Pb	✓	✓	✓	✓	✓	✓	✓	✓

GYSFLASH Lithium
8 STEP Li-ion | 8 STEP LiFePO4 | 9 STEP Li-ion | 9 STEP LiFePO4

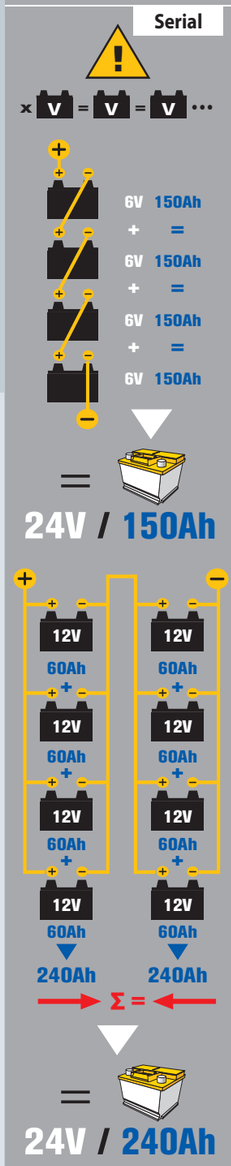
LiFePO4 / Li-ion / Li-Po / NMC / LCO / MCO / NCA...



Parallel



Serial



MARKETING



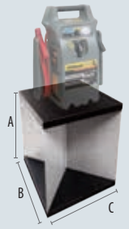
Catalogs and posters available for download on our website
www.gys.fr



A - Barnum
3 x 3 m
098022

B - Open Barnum
2 x 2 m
098039

C - Oriflamme
1,75 x 0,50 m
098015





Podium de présentation - Display stand - Podest (machines not included)

063204
A : 45 cm, B : 50 cm, C : 50 cm

063211
A : 80 cm, B : 50 cm, C : 50 cm



Linéaire de vente avec 2 étagères - Retail display space with 2 shelves - Lochwandregal mit 2 Böden (machines not included)
060784



Type	FA1	FA2	SB1
complet - complete - komplett	062429	062443	061149
sans linéaire - without display stand - ohne Regal	062436	062450	062412

INVEST IN THE FUTURE

French manufacturer
since 1964

2023

Chargers, Boosters & Starters

Charge & entretien des batteries
Batterieservicegeräte-Katalog
Caricabatterie, Booster & Avviatore
Catálogo de Cargadores