



INVEST IN THE FUTURE



French manufacturer  
since 1964



# Chargers, Boosters & Starters

Charge & entretien des batteries

Batterieservicegeräte-Katalog

Caricabatteria, Booster & Avviatore

Catálogo de Cargadores

2  
0  
2  
3



CHARGER

BSU

BOOSTER

STARTER

TESTER

JUMPER CABLE

ACCESSORIES



800 people

125 000 000

55 000 m<sup>2</sup>  
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 œuvre 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 cariche batterie 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.

“ 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.



Nicolas & Bruno Bouygues

## A worldwide coverage

125 countries



GYS FRANCE  
Laval

🕒 1964  
👤 × 550



GYS GERMANY  
Aachen

🕒 2006  
👤 × 80



GYS U.K.  
Rugby

🕒 2008  
👤 × 40



GYS CHINA  
Shanghai

🕒 2004  
👤 × 100



GYS ITALIA  
Venezia

🕒 2015  
👤 × 25



GYS IBERICA  
Madrid

🕒 2022  
👤 × 10

### Partners





## 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<sub>4</sub>)  
p.9



GYSFLASH PL (Pb/LiFePO<sub>4</sub>/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



Clamps & consumables  
p.68

Accessories  
p.69

Working lights  
p.70

### + MORE

NATO/OTAN selection  
p.53

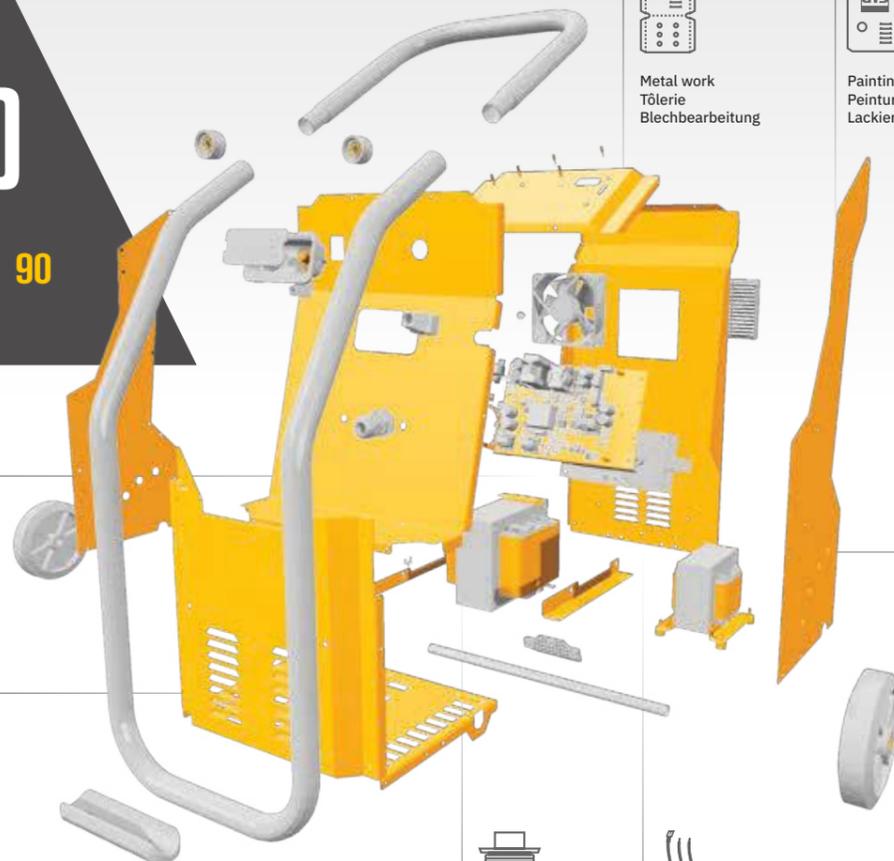
Traction selection  
p.53

Charging curves  
p.71

Marketing  
p.71

Advanced R&D

90



Metal work  
Tôlerie  
Blechbearbeitung



Painting & marking  
Peinture & marquage  
Lackierstraße

Assembly  
Montage/tests  
Montage



Transformers  
Transformateurs  
Transformatoren



Cable work  
Filerie  
Kabelkonfektionierung



Electronics  
Électronique  
Elektronik



Mechanical  
Mécanique  
CNC-Bearbeitung

100%  
in house  
production

www.gys.fr



## 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

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).

### Cold Charge

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.

### Temp Sensor

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

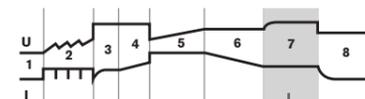
Source d'énergie : mode de maintien optimal de l'état de charge. Idéal pour les véhicules en hivernage, de démonstration, ou pour le remplacement de batterie.

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-, Ausstellungsfahrzeuge oder bei Batteriewechsel.

## SMART CHARGE

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

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).

## GYSFLASH

# CHARGERS Pb

## SMART HF INVERTER



12V

### GYSFLASH 1.12

1 A



### F FLASH Connector



1.45 m 0.45 m 0.45 m

029361

UK: 029514

### GYSFLASH 4.12 & 4.12S

0.8/4 A



### F FLASH Connector



1.45 m 0.45 m 0.45 m

4.12

029422

UK: 029521

4.12S (110 V)

069190

072701

072817

### GYSFLASH 6.12

0.8/6 A



### F FLASH Connector



1.45 m 0.45 m 0.45 m

029378

UK: 029613

### GYSFLASH 8.12

8 A



### S SAE Connector



1.9 m

029385

UK: 029545

### GYSFLASH 12.12

12 A



### S SAE Connector



0.40 m 1.45 m

029392

UK: 029552

110V



GYSFLASH 4.12 S  
GYSFLASH 1.12 PL S



DISPLAY BOX

GYSFLASH 4.12 x 5

026001



DESIGN GYS FRANCE  
MADE IN GYS CHINA

	PATENTS REGISTERED NUMBERS 002280008 & 002279927 EUROPEAN TRADEMARK & DESIGN	50/60 Hz	Power	I <sub>charge</sub>	V	Charge	Maintenance	Zz	Ondulation/ Ripple	Charging curve	IP	Weight	Dimensions
GYSFLASH 1.12			18 W	1 A	12 V	2 > 32 Ah	2 > 100 Ah	<0.4 Ah/month	<150 mV Rms	IUoU	7 steps	0.44 kg	130 × 80 × 38 mm
GYSFLASH 4.12 GYSFLASH 4.12S			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	0.69 kg	170 × 90 × 51 mm
GYSFLASH 6.12			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	0.77 kg	190 × 100 × 52 mm
GYSFLASH 8.12			130 W	8 A	12 V	15 > 160 Ah	15 > 240 Ah	<0.4 Ah/month	<150 mV Rms	IUoU	8 steps	0.85 kg	190 × 100 × 52 mm
GYSFLASH 12.12			195 W	12 A	12 V	20 > 250 Ah	20 > 330 Ah	<0.4 Ah/month	<100 mV Rms	IUoU	8 steps	1.1 kg	221 × 111 × 58 mm



GYSFLASH  
SMART HF INVERTER CHARGERS



# CHARGERS Pb

SMART HF INVERTER



## HERITAGE • 6/12V

GYSFLASH 6 HERITAGE

0.8/6A



## 6/12/24V

GYSFLASH 6.24

0.8/6A



GYSFLASH 9.24

9A



### 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 12V 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

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 / 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%

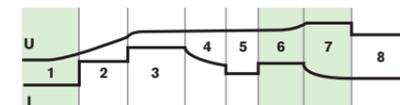


#### REFRESH 8 STEP

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).

#### LiFePO4 (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.



# LiFePO4



## 12V

GYSFLASH 1.12 Lithium

1A



GYSFLASH 6.12 Lithium

4/6A



PATENTS REGISTERED NUMBERS  
002280008 & 002279927  
EUROPEAN TRADEMARK & DESIGN

	50/60 Hz	Power	I <sub>charge</sub>	V	Charge	Maintenance	Zz	Ondulation/Ripple	Charging curve	IP	Weight	Dimensions		
<b>GYSFLASH 6 HERITAGE</b>	220-240 V AC	2m	90 W	0.8/6 A	6/12V	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
<b>GYSFLASH 6.24</b>	220-240 V AC	2m	130 W	0.8/6 A	6/12V	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	24V	1.2, 100 Ah	1.2, 140 Ah							
<b>GYSFLASH 9.24</b>	220-240 V AC	2m	190 W	9 A	6/12V	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	24V	15, 125 Ah	15, 170 Ah							



DESIGN  
GYS FRANCE  
MADE IN  
GYS CHINA

	50/60 Hz	Power	I <sub>charge</sub>	V	Charge	Maintenance	Zz	Ondulation/Ripple	Charging curve	IP	Weight	Dimensions		
<b>GYSFLASH 1.12 Lithium</b>	220-240 V AC	1m	18 W	1 A	12V	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
<b>GYSFLASH 6.12 Lithium</b>	220-240 V AC	2m	90 W	4/6 A	12V	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

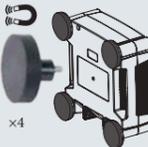


# CHARGERS Pb/LiFePO4

SMART HF INVERTER

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

**Magnetfix 20**  
026063



x4



**NEW**  
03 2023



**SC SMART COOLING TECHNOLOGY**

**100% DUST PROOF**

**SILENT**

**IP 23**  
INDOOR / OUTDOOR

**IP 65**  
INDOOR / OUTDOOR

**SHOCK RESISTANT**

## 12V

### GYSFLASH 1.12 PL & 1.12 PL S

**1A**

GO > 7V SSM START STOP CAN BUS

7 STEP Pb 8 STEP LiFePO<sub>4</sub>



**1.12 PL**  
026902  
027541

**1.12 PL S (110 V)**  
070851  
072794  
072824

### GYSFLASH 8.12 PL

**1/4 / 8A**

GO > 2V SSM START STOP CAN BUS

7 STEP Pb 8 STEP LiFePO<sub>4</sub>



069282

### GYSFLASH 18.12 PL

**7/12 / 18A** GO > 2V

GO > 2V SSM START STOP

8 STEP LiFePO<sub>4</sub> 7 STEP Pb



026926

### GYSFLASH 30.12 PL

**7/15 / 30A**

GO > 2V SSM START STOP

7 STEP Pb 8 STEP LiFePO<sub>4</sub>



029668  
026070

### GYSFLASH 32.12 PL

**7/15 / 30A**

GO > 2V SSM START STOP

7 STEP Pb 8 STEP LiFePO<sub>4</sub> SC



2.5 m - 6 mm<sup>2</sup>  
027381

### GYSFLASH 20.12/24 PL

**7/15 / 20A**

GO > 2V SSM START STOP

7 STEP Pb 8 STEP LiFePO<sub>4</sub>



026049  
027558

### GYSFLASH 15.24 XTREM

**15A**

GO > 2V SSM START STOP

7 STEP Pb 8 STEP LiFePO<sub>4</sub> SC



**ROBUST & SAFE**  
2 pts connection

5 m - 4 mm<sup>2</sup>  
025813

Double insulation

DESIGN	Power	I <sub>charge</sub>	V	Charge	Maintenance	Zz	Ondulation/ Ripple	Charging curve	IP	Weight	Dimensions
GYSFLASH 1.12 PL	220-240 V AC	2 m	20 W	1A	12V	2 > 32 Ah (Pb) 0.5 > 20 Ah (LiFePO <sub>4</sub> )	<0.4 Ah/month	<150 mV Rms	IUoU	7 step (Pb) 8 step (LiFePO <sub>4</sub> )	IP 65, 0,69 kg, 170 x 90 x 51 mm
GYSFLASH 1.12 PL S	100-127 V AC	2 m	20 W	1A	12V	2 > 100 Ah (Pb) 0.5 > 50 Ah (LiFePO <sub>4</sub> )	<0.4 Ah/month	<150 mV Rms	IUoU	7 step (Pb) 8 step (LiFePO <sub>4</sub> )	IP 23, 4,7 kg, 80 x 250 x 200 mm
GYSFLASH 8.12 PL	220-240 V AC	2 m	130 W	1/4/8 A	12V	15 > 160Ah (Pb) 1.2 > 160 Ah (LiFePO <sub>4</sub> )	<0.4 Ah/month	<150 mV Rms	IUoU	7 step (Pb) 8 step (LiFePO <sub>4</sub> )	IP 65, 0,85 kg, 190 x 100 x 52 mm
GYSFLASH 18.12 PL	220-240 V AC	2 m	300 W	7/12/18 A	12V	15 > 270 Ah (Pb) 7 > 270 Ah (LiFePO <sub>4</sub> )	<0.5 Ah/month	<100 mV Rms	IUoU	7 step (Pb) 8 step (LiFePO <sub>4</sub> )	IP 43, 1,55 kg, 190 x 190 x 73 mm

DESIGN	Power	I <sub>charge</sub>	V	Charge	Maintenance	Zz	Ondulation/ Ripple	Charging curve	IP	Weight	Dimensions
GYSFLASH 30.12 PL	220-240 V AC	2 m	500 W	7/15/30 A	12V	15 > 375 Ah (Pb) 7 > 375 Ah (LiFePO <sub>4</sub> )	<0.5 Ah/month	<150 mV Rms	IUoU	7 step (Pb) 8 step (LiFePO <sub>4</sub> )	IP 43, 1,85 kg, 190x190x73 mm
GYSFLASH 32.12 PL	230V	2.5 m	500 W	7/15/30 A	12V	10 > 400 Ah	<0.5 Ah/month	<150 mV Rms	IUoU	7 step (Pb) 8 step (LiFePO <sub>4</sub> )	IP 23, 4,7 kg, 80 x 250 x 200 mm
GYSFLASH 20.12/24 PL	220-240 V AC	2 m	500 W	7/15/20 A	12V	15 > 300 Ah (Pb) 7 > 300 Ah (LiFePO <sub>4</sub> ) 15 > 240 Ah (Pb) 7 > 240 Ah (LiFePO <sub>4</sub> )	<1 Ah/month	<150 mV Rms	IUoU	7 step (Pb) 8 step (LiFePO <sub>4</sub> )	IP 43, 1,85 kg, 190x190x73 mm
GYSFLASH 15.24 XTREM	230V	2.5 m	500 W	7/10/15 A	12/24V	5 > 240 Ah	<1 Ah/month	<150 mV Rms	IUoU	7 step (Pb) 8 step (LiFePO <sub>4</sub> )	IP 65, 5,4 kg, 75 x 250 x 210 mm

**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.  
Geegnet für START-STOP- Fahrzeuge.

**Auto Recovery**

**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.

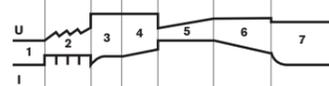
Fitted with a highly sensitive sensor, Gysflash automatically adjusts the charge based on ambient temperature.

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

**SMART CHARGE 7 / 8 STEP**

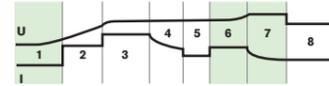
**Pb**

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.

**GYSFLASH**

**CHARGERS Pb/Lithium**  
SMART HF INVERTER

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

**ELECTRICAL MOBILITY**



**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



027398

**48V**

**GYSFLASH 3.48 PL**

**3 A** GO > 5 V

GO > 5 V SSM t°

7 STEP Pb 8 STEP LiFePO4 8 STEP Li-ion



027893

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

**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



027060



DESIGN GYS FRANCE	PATENTS REGISTERED NUMBERS 002280008 & 002279927 EUROPEAN TRADEMARK & DESIGN	50 / 60 Hz	Power	I <sub>charge</sub>	V	n cell			Charge	Maintenance	Zz	Ondulation/Ripple	Charging curve	IP	Weight	Dimensions		
						Pb	LFP	NMC										
MADE IN GYS CHINA		220-240 V AC	2 m	190 W	6 A	24V	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	221x111x58 mm
										6 > 60 Ah 3 > 60 Ah	6 > 85 Ah 3 > 85 Ah							
MADE IN GYS FRANCE		220-240 V AC	2 m	195 W	3 A	48V	24	15/16	13/14	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 65	1,1 kg	221x111x58 mm
										15 > 160 Ah (Pb) 8 > 160 Ah (Li)	15 > 160 Ah (Pb) 8 > 160 Ah (Li)							
		220-240 V AC	2 m	500 W	10 A	36V	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	190x190x73 mm
										15 > 160 Ah (Pb) 8 > 160 Ah (Li)	15 > 160 Ah (Pb) 8 > 160 Ah (Li)							

**ELECTRICAL MOBILITY**

**MOBILITY**



**OUTDOOR**



**MEDICAL**





**SPECIAL PROJECT - CONTACT US**

Contact us for special projects. Quick customization : CAN BUS / CAN Open / J1939 / NMEA 2000 / RS485 / SM BVS / Automation / Relays...

**SC SMART COOLING TECHNOLOGY**

100% DUST PROOF



**SILENT**

HIGH EFFICIENCY  
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** Mémoire 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.

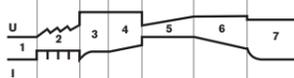
Auto Recovery : Recovers deeply discharged (min 2V) and/or sulfated batteries.

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

**SMART CHARGE**

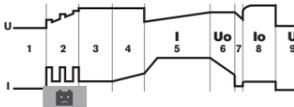
**Pb**

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



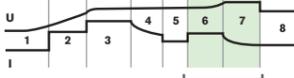
**Pb TRACTION**

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 Lithium**

NMC / LCO / MCO / NCA...

LiFePO4 / Li-ion / Li-Po



**PFC POWER FACTOR CORRECTION** 185V - 265V



21.5 cm

17.5 cm

7 cm  
GYSFLASH 18.12 PL-E

8 cm  
GYSFLASH 30.12 PL-E  
GYSFLASH 15.24 PL-E  
GYSFLASH 10.36 PL-E  
GYSFLASH 8.48 PL-E

**12V**

**GYSFLASH 18.12 PL-E**  
**18 A**  
Pb / LFP  
025806

**GYSFLASH 30.12 PL-E**  
**30 A** COMING SOON  
Pb / LFP

**24V**

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

**36V**

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

**48V**

**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 x 2.5 mm<sup>2</sup>



3 pts connector included  
max 2.5 mm<sup>2</sup>  
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 24V : 15 A - 30 A - 50 A - 100 A**

**GYSPOWER 36V : 10 A - 20 A - 30 A**

**GYSPOWER 48V : 8 A - 25 A - 50 A**

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

**ENERGYS**

**POWER INVERTER DC > DC REVERSIBLE**

**EMBARQUÉ ON BOARD**

**Pb Lithium**

Liquid / Gel, AGM

LiFePO4

**NEW 03 2023**



3.5 cm

13.5 cm

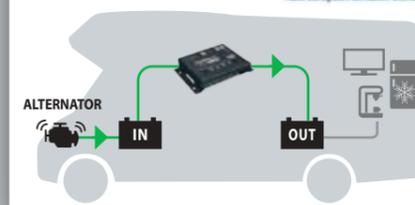
20 cm

**ENERGYS DC/DC 50.12 / 24**  
**50 A**  
072534

	U input	U output	I output	POWER	EFFICIENCY	Zz	T° USE	OUTPUT	Dimensions	Weight
<b>ENERGYS DC/DC 50.12/24</b>	10-32V	0-32V	50 A	1500 W	98 %	<1 mA	50 °C	6 mm <sup>2</sup> min	135 x 35 x 200	520 g

**EURO 6 STANDARD**

when starting the vehicle



**OPEN & CONNECT**



4 pts connector included  
min 6 mm<sup>2</sup>  
0.75 x 2.5 mm<sup>2</sup>

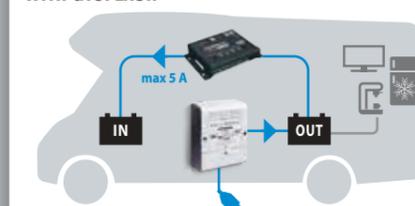
Connector included  
min 6 mm<sup>2</sup>  
or AWG9

cables not included

**DOUBLE CHARGING**

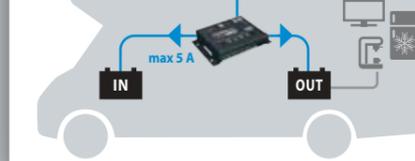
vehicle stopped

**WITH GYSFLASH**



**WITH SOLAR PANEL**

MPPT integrated (Max Power Point Tracker)



**MORE OUTPUT POWER**

**PARALLEL CHARGING**



**150 A**



17

**GYSFLASH / ENERGYS**

**EMBARQUÉ / ON BOARD**

**SC SMART COOLING TECHNOLOGY**

100% DUST PROOF

SILENT

**SMART 9 STEP**

**Pb**

- Status analysis
- Recovery
- Sulphation test
- Desulfation
- Fast charge 80%
- Absorption
- Test Absorption
- Refresh
- Floating 100%

**LiFePO<sub>4</sub>**

- Status analysis
- UVP Wake Up (Under Voltage Protection). Battery reactivation when in UVP protection
- Recovery
- Fast charge 90%
- Absorption 95%
- Test
- Completion
- Equalization
- Floating 100%

**CHARGE**

**Pb AUTOMOTIVE**

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

**Pb TRACTION**

- ✓ GEL
- ✓ LIQUID

**LITHIUM READY**

- ✓ LFP/LiFePO<sub>4</sub>

**BSU**

**DIAG +**

U2 ADJUSTABLE

**SHOWROOM**

**CHANGE BATTERY**

**POWER SUPPLY**

U2 & I2 max ADJUSTABLE

**GYSFLASH PRO**

# BSU & CHARGERS

BATTERY SUPPORT UNIT

YouTube

PLAYLIST GYSFLASH PRO

10.5 cm

**PFC POWER FACTOR CORRECTION**

**FV FLEXIBLE VOLTAGE**

85 V — 265 V

Select mode

Select parameters

Adjust values

**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



**12 V**

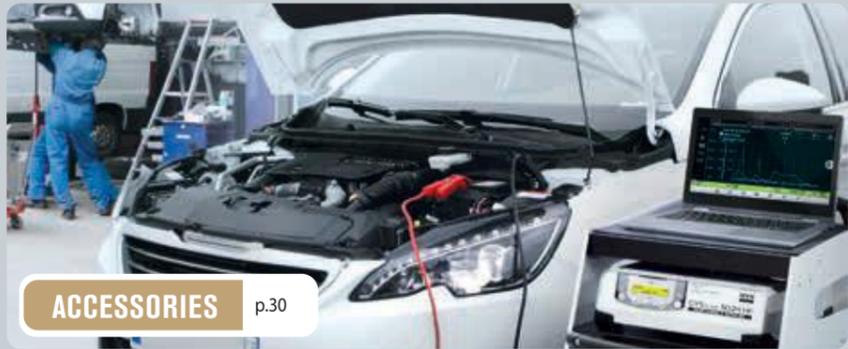
<b>GYSFLASH 30.12</b> <b>30 A</b> PFC SC 2,5 m - 6 mm <sup>2</sup> 029224	<b>GYSFLASH 50.12 FV</b> <b>50 A</b> PFC FV SC 2,5 m - 10 mm <sup>2</sup> 026056	<b>GYSFLASH 100.12</b> <b>100 A</b> PFC SC 2,5 m - 16 mm <sup>2</sup> 029071 029453 5 m - 16 mm <sup>2</sup> 029415 029002
---	--	--

**6 / 12 / 24 V**

<b>GYSFLASH 30.24</b> <b>30 A</b> PFC SC 2,5 m - 6 mm <sup>2</sup> 029231	<b>GYSFLASH 50.24</b> <b>50 A</b> PFC SC 2,5 m - 10 mm <sup>2</sup> 029095 5 m - 16 mm <sup>2</sup> 029620
---	--

**12 V**

<b>GYSFLASH 102.12</b> <b>100 A</b> PFC SC 5 m - 16 mm <sup>2</sup> 029606
--



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



# GYSFLASH PRO CNT

# BSU & CHARGERS

BATTERY SUPPORT UNIT

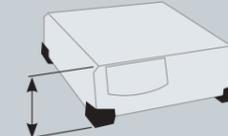
**CNT**  
Connected  
Technology  
**FULL  
CUSTOMIZABLE**  
p.26

**PFC** POWER FACTOR CORRECTION

**FV** FLEXIBLE VOLTAGE  
85 V ← 265 V

**22 languages**

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



**10.5 cm**  
51.12 CNT  
101.12 CNT

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

**12V (factory preset)  
24V READY**

Use custom configuration tool (detail p.26)



## 12 V

**GYSFLASH 51.12 CNT FV**

**50 A**

**PFC FV SC CNT**

2,5 m - 10 mm<sup>2</sup>  
068179



**GYSFLASH 101.12 CNT**

**100 A**

**PFC SC CNT**

2,5 m - 16 mm<sup>2</sup>  
025790  
5 m - 16 mm<sup>2</sup>  
026988



**GYSFLASH 121.12 CNT FV**

**120 A**

**PFC FV CNT**

5 m - 25 mm<sup>2</sup>  
026971  
027756  
071605



**GYSFLASH 125.12 CNT FV**

**120 A** 120 A @ 100%

**PFC FV CNT**

5 m - 25 mm<sup>2</sup>  
028883



## 6 / 12 / 24 V

**GYSFLASH 101.24 CNT FV**

**100 A**

**PFC FV CNT**

5 m - 25 mm<sup>2</sup>  
025967



## 6 / 12 / 24 / 36 / 48 V

**GYSFLASH 51.48 CNT FV**

**50 A**

**PFC FV CNT**

5 m - 16 mm<sup>2</sup>  
072015



**SC**

**SMART COOLING TECHNOLOGY**

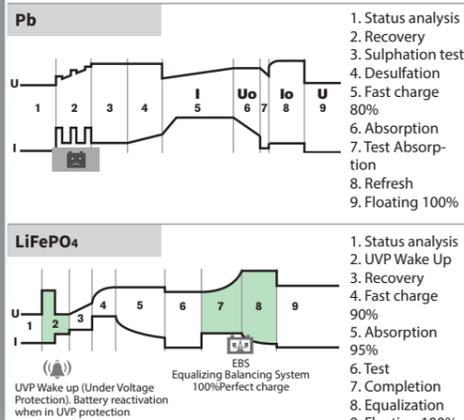
**100% DUST PROOF**



**SILENT**



### SMART 9 STEP



### 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/LiFePO<sub>4</sub>
  - ✓ 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	mm <sup>2</sup>	START MINI	I max	25°C @100%	40°C @100%	TRACTION BATTERIES	SHOWROOM CONNECT	IP	Weight				
<b>GYSFLASH 51.12 CNT FV</b>	85 > 265 V	2,5 m	10	12V / 24V	850 W	1V	50 A / 25 A	50 A / 25 A	40 A / 20 A	10 · 600 Ah / 10 · 300 Ah	0 M6	41	30 × 10,5 × 29 cm	6.8 kg
<b>GYSFLASH 101.12 CNT</b>	185 > 265 V	2,5 m / 5 m	16	12V	1600 W	1V	100 A	75 A	66 A	20 · 1200 Ah	0 M6	21	32 × 10,5 × 29,2 cm	7.5 kg / 8.3 kg
<b>GYSFLASH 121.12 CNT FV</b>	85 > 265 V	5 m	25	12V	2000 W	1V	110 V : 100 A / 230 V : 120 A	75 A / 110 A	55 A / 90 A	20 · 1200 Ah	0 M6	20	31 × 13 × 26 cm	10.4 kg
<b>GYSFLASH 125.12 CNT FV</b>	85 > 265 V	5 m	25	12V	2000 W	1V	110 V : 100 A / 230 V : 120 A	100 A / 120 A	77 A / 116 A	20 · 1200 Ah	0 M6	40	31 × 13 × 26 cm	10.9 kg
<b>GYSFLASH 101.24 CNT FV</b>	85 > 265 V	5 m	25	6/12V / 24V	3200 W	1V	110 V : 100 A / 230 V : 100 A / 110 V : 50 A / 230 V : 100 A	72 A / 89 A / 50 A / 76 A	47 A / 68 A / 35 A / 59 A	20 · 1200 Ah	0 M6	20	31 × 13 × 26 cm	10.6 kg
<b>GYSFLASH 51.48 CNT FV</b>	85 > 265 V	5 m	16	6/12/24V / 36/48V	3200 W	1V	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	0 M6	20	31 × 13 × 26 cm	8.1 kg





# 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

## TRACTION



**NEW**  
01 2023



12 V

6 / 12 / 24V

6 / 12 / 24 / 36 / 48 V

GYSFLASH 103.12 CNT

GYSFLASH 123.12 CNT FV

GYSFLASH 103.24 CNT FV

GYSFLASH 25.48 CNT FV

GYSFLASH 53.48 CNT FV

100 A

120 A

100 A

25 A

50 A

PFC SC CNT

PFC FV CNT

PFC FV CNT

PFC FV CNT

PFC FV CNT

5 m - 16 mm<sup>2</sup>  
072008

5 m - 25 mm<sup>2</sup>  
025677

5 m - 25 mm<sup>2</sup>  
025684

5 m - 16 mm<sup>2</sup>  
075962

5 m - 16 mm<sup>2</sup>  
025998

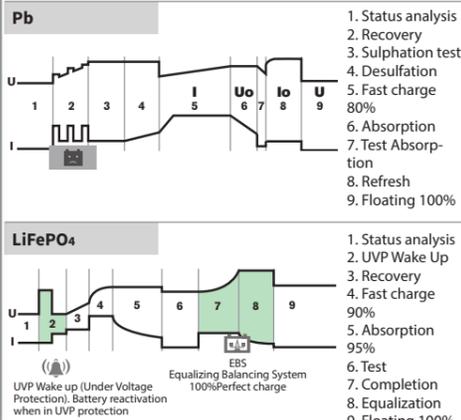
SC

**SMART COOLING TECHNOLOGY**

100% DUST PROOF

**SILENT**

### SMART 9 STEP



### 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/LiFePO<sub>4</sub>
  - ✓ 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	V	mm <sup>2</sup>	START MINI	I max	25°C @100%	40°C @100%	TRACTION BATTERIES	SHOWROOM CONNECT	IP	Weight			
<b>GYSFLASH 103.12 CNT</b>	185 > 265V	5 m	16	12V	1600W	1V	100 A	75 A	66 A	20 > 1200Ah	0 M6	21	12 × 34.5 × 29.5 cm	9.1 kg
<b>GYSFLASH 123.12 CNT FV</b>	85 > 265V	5 m	25	12V	2000W	1V	110V : 100 A 230V : 100 A	100 A 120 A	85 A 120 A	20 > 1200Ah	0 M6	30	34 × 25 × 15 cm	11 kg
<b>GYSFLASH 103.24 CNT FV</b>	85 > 265V	5 m	25	6/12V 24V	3200W	1V	110V : 100 A 230V : 100 A	100 A 100 A	68 A 79 A	20 > 1200Ah	0 M6	30	34 × 25 × 15 cm	11 kg
<b>GYSFLASH 25.48 CNT FV</b>	85 > 265V	5 m	10	6/12/24/ 36/48V	1600W	1V	110V : 12 A 230V : 25 A	NC	NC	10 > 300Ah	0 M6	21	12 × 34.5 × 29.5 cm	NC
<b>GYSFLASH 53.48 CNT FV</b>	85 > 265V	5 m	16	6/12/24V 36/48V	3200W	1V	110V : 50 A 230V : 50 A	50 A 50 A	28 A 41 A	10 > 600Ah	0 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

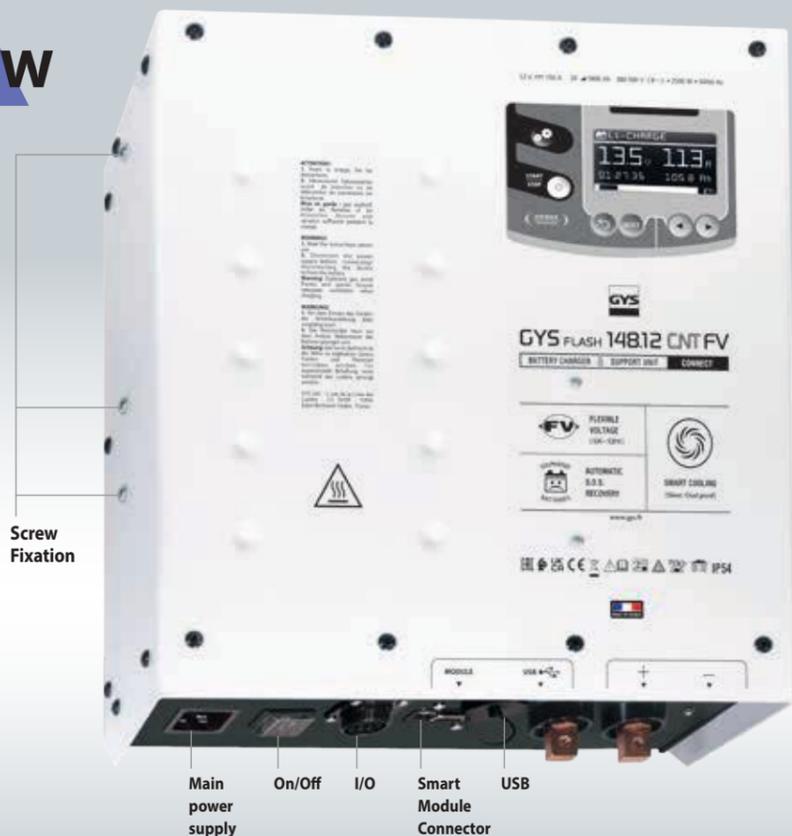
**FV** FLEXIBLE VOLTAGE  
85 V ← 265 V  
110 V 230 V  
GYSFLASH 148.12 CNT FV

**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

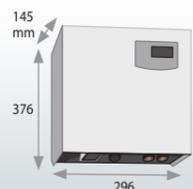
## INDUSTRY / PRODUCTION

**NEW**

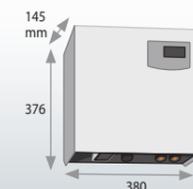
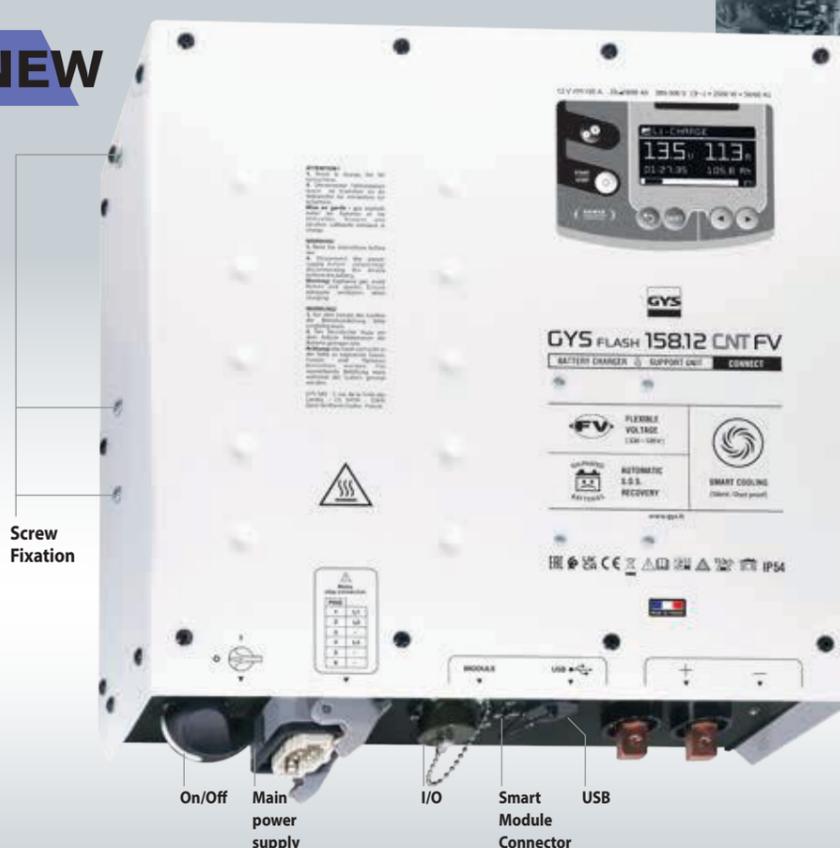


**IP 54**  
DUST & SPLASH PROTECTION

**NATURAL CONVECTION**



**NEW**



12 V



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**

- Status analysis
- Recovery
- Sulphation test
- Desulfation
- Fast charge 80%
- Absorption
- Test Absorption
- Refresh
- Floating 100%

**LiFePO4**

- Status analysis
- UVP Wake Up
- Recovery
- Fast charge 90%
- Absorption 95%
- Test
- Completion
- Equalization
- Floating 100%

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

Equalizing Balancing System 100% Perfect charge

**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

**POWER SUPPLY**

U2 & I2 max ADJUSTABLE

**AND MORE**

- ✓ **TEST**
- ✓ VOLTAGE
- ✓ START UP
- ✓ ALTERNATOR
- ✓ **STARTER**
- ✓ START

**CNT** Connected Modules & Technology p.26

Power Hub

Light & Sound

Communication modules

Print & Scan

Smart Hub

**I/O** PLC connection

PLC

Contact us for use

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



CNT Connected Technology

# TECHNOLOGY

## GYFLASH CONFIGURATION



YouTube  
PLAYLIST  
CNT TECHNOLOGY



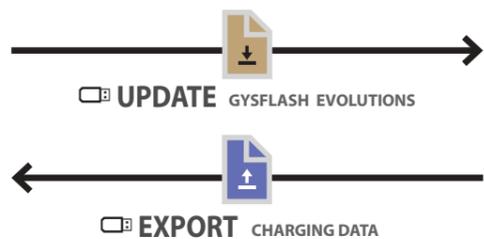
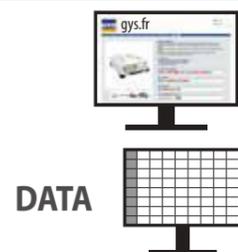
SPECIAL PROJECTS

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



### SOFTWARE UPDATE / TRACEABILITY

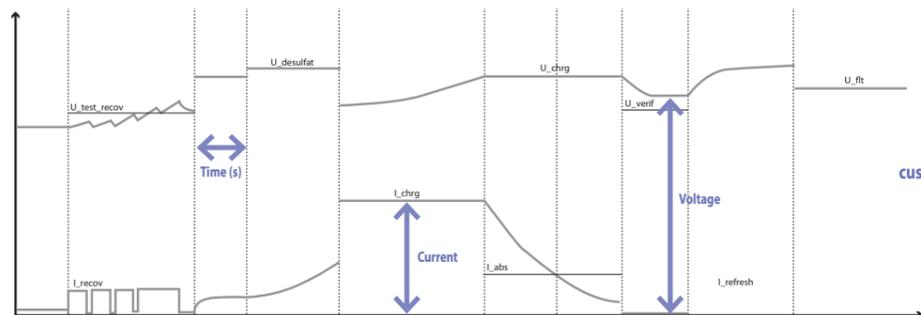
### LIFETIME EVOLUTION



### DESIGN YOUR CHARGING CURVE

### PRODUCT CONFIGURATION (CONFIG CURVE / LOGISTIC / CHARGING CURVE)

Pb Adjustable settings ↔



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			SHOWROOM	DIAG+	CHANGE.BAT.	STARTER MODE	POWER SUPPLY	LI-SUPPLY/LIP	LI-SUPPLY/LI-ion	TESTER MODE
		normal	AGM	liquide	Boost	Recovery +	Ca / Ca recov	LFP/LiFePO4	Li-ion std	LFP cell+	Li-ion cell+								
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 Connected Technology

# ACCESSORIES

## UNIT MODULES

COMING SOON LoRa Sigfox CAN BUS and More...

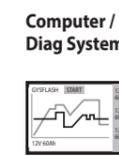


### SMART COMMUNICATION

### INCLUDED

**CNT-SUM**  
Smart USB Module  
025974

USB micro A  
-L: 69 x 68 x 29 mm / 85g



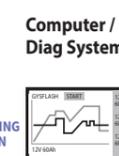
SMC Cable  
1 m  
056596



NEW

**CNT-SWM**  
Smart Wireless Module  
070837

Bluetooth Wifi  
COMING SOON  
-L: 69 x 68 x 29 mm / 85g



SMC Cable  
1 m  
056596



NEW

**CNT-SCM**  
Smart Can Module



### LIGHT & SOUND

### INCLUDED

**CNT-SLM**  
Smart Light Module  
027978

65dB  
Pb charge Lithium charge OK Error



SMC Cable  
1 m  
056596



### PRINT & SCAN

### INCLUDED

**CNT-SPM**  
Smart Printer Module  
026919

-L: 140 x 105 x 133 mm / 1.4 kg



CRITAIR 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

QWERTZ compatibility





### SMC CABLE

1 m 056596  
3 m 025691



### SMART HUB MODULE

**CNT-SHM**  
Smart Hub Module  
025981

↳ 220 × 180 × 45 mm / 1 kg

### INCLUDED

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

4 GYSFLASH IN  
Ø Cables: 10 → 25 mm<sup>2</sup>

GYSFLASH CNT Connected  
GYSFLASH CNT Connected  
GYSFLASH CNT Connected  
GYSFLASH CNT Connected

**INCLUDED**  
M6 KIT



OUT Ø Cables: 25 → 70 mm<sup>2</sup>



### EXTREME MODULARITY

#### SINGLE MODULE



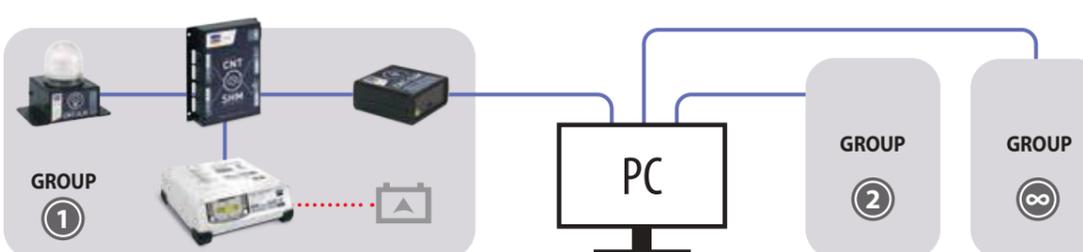
#### ADVANCED



#### MULTI MODULES

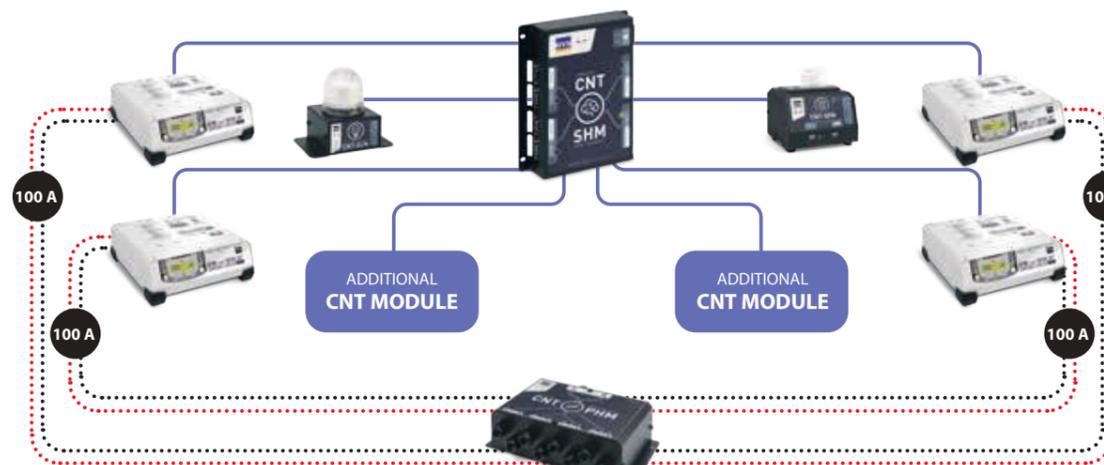


#### MULTI MODULES GROUPS



#### 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 mm <sup>2</sup> 056503 5 m - 16 mm <sup>2</sup> 054615 8 m - 16 mm <sup>2</sup> 056572	2.5 m - 16 mm <sup>2</sup> 026810 	5 m - 16 mm <sup>2</sup> 069091	5 m - 16 mm <sup>2</sup> 069107	0.2 m - 16 mm <sup>2</sup> 055902 1 m - 16 mm <sup>2</sup> 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 mm <sup>2</sup> 028876 5 m - 25 mm <sup>2</sup> 027886	5 m - 16 mm <sup>2</sup> 025714	5 m - 25 mm <sup>2</sup> 025721	5 m - 25 mm <sup>2</sup> 025707 10 m - 25 mm <sup>2</sup> 056626 
101.24 / 121.12 123.12 / 103.24 125.12	✓	✓	✓	✓

## PARALLEL CABLES KIT

072954

= Anderson/Cable lugs M6 x2 16 mm<sup>2</sup> 1 m + Cable lugs/Cable lugs M6 x2 (1 red + 1 black) 35 mm<sup>2</sup> 5 m + Texas/Cable lugs M6 x2 25 mm<sup>2</sup> 1 m + M6 KIT Ø16 (x4) Ø25 (x4) Ø35 (x4) + SMC Cable - 1 m

## CONNECTORS



NATO 026780

DIN14690 028784

## INTERNAL FUSES



40 A for GYSFLASH 30 054646

80 A for GYSFLASH 40, 50 054653

125 A for GYSFLASH 100, 101, 102 054585

150 A for GYSFLASH 121, 123, 103 027930

## EXTERNAL FUSES



6.3 A GYSFLASH 30 054578

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

## SUPPORTS

Tablette - Wall support  
Wandhalterung 055513



Valise de chantier  
Heavy-duty case  
Hartschalenkoffer 060432



Fixation



INCLUDED

Magnetfix 50 029637



OPTION

for GYSFLASH 32.12 PL 102.12 123.12 103.12 103.24 15.24 XTREM 53.48

## CONFIGURATION (Chariot - Trolley - Fahrwagen)



▲▲▲ VERTICAL ▲▲▲  
▲▲▲ HORIZONTAL ▼▼▼

ALL GYSFLASH - COMPATIBILITY -

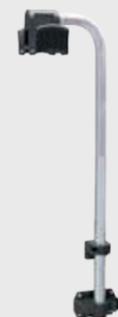
Chariot - Trolley  
Fahrwagen 028890



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	✓	—	✓	✓	✓	—	—	—	—
pack GYSFLASH CNT 2 068124	✓	—	✓	✓	✓	—	—	—	—
pack GYSFLASH CNT 3 068131	—	✓	✓	✓	✓	—	—	—	—
pack GYSFLASH CNT 4 068148	—	✓	✓	✓	✓	—	—	—	—
<b>NEW</b> pack GYSFLASH CNT 5 072978	✓ x2	—	✓	✓	✓	✓	✓	✓	✓
<b>NEW</b> pack GYSFLASH CNT 6 074972	✓ x2	—	✓	✓	✓	✓	✓	✓	✓
<b>NEW</b> pack Parallel Charging 072961	—	—	—	—	—	—	✓	✓	✓



# CHARGERS

## ARTIC

IP 65

WATER PROTECTION  
ARTIC 1500, 4000 & 8000

CHARGERS ONLY



### 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.

### Cold charge

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.



## AUTOMATIC SMART HF INVERTER

REGULATED  
IUoU  
FAST CHARGE

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



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



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



**ARTIC 8000**  
**2/8A** 12V GO > 7 V  
SSM START STOP Cold charge  
029590  
029712



## ENERGY

PATENTS REGISTERED NUMBERS  
001652090-0001  
EUROPEAN TRADEMARK & DESIGN



## 12V • TRADITIONAL W

**ENERGY 124**  
**3A**  
SSM  
023215



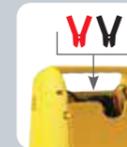
**ENERGY 126**  
**4A**  
SSM  
023222  
025165



Fuse X10  
10A 054530  
15A 054493

## TCB

PATENTS REGISTERED NUMBERS  
001652090-0001  
EUROPEAN TRADEMARK & DESIGN



2 IN 1

CHARGE



TEST

## 12V • AUTOMATIC WU

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



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



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



### INCLUDED

all ARTIC

Ceillets /  
Eyelets /  
Ösen  
30 cm  
026872



Pinces /  
Clamps /  
Klemmen  
35 cm  
026865



	50/60 Hz	Power	CHARGE			Reg	Polarity protection	Cold Charge	SSM	Full security	Start/Stop engine	Fuse	CHARGER + TESTER	CONTROL	Dimensions	Weight
			Voltage	Current	Efficiency											
ARTIC 800	100-240V	15W	12V	0,8 A	—	•	•	•	•	•	—	—	—	13 × 6,5 × 3,8 cm	430 g	
ARTIC 1500	220-240V	27W	12V	1,5 A	—	•	•	•	•	•	—	—	—	15,2 × 7 × 4 cm	500 g	
ARTIC 4000	220-240V	75W	6V	4 A	—	2	•	•	•	•	•	OK	—	19,3 × 8 × 5,2 cm	780 g	
			12V	1 A / 4 A												
ARTIC 8000	220-240V	130W	12V	2/8 A	—	2	•	•	•	•	•	OK	—	22 × 9,6 × 5,9 cm	1130 g	
ENERGY 124	220-240V	70W	12V	3 A	4,5 A	—	—	•	—	—	—	10A	—	11,5 × 16 × 22 cm	1900 g	
			12V	4 A	6 A	—	—	•	—	—	—	10A	—	11,5 × 16 × 22 cm	2000 g	
TCB 60 automatic	220-240V	85W	12V	2-4 A	6 A	2	•	•	•	•	10A	OK	OK	12 × 17 × 29 cm	2500 g	
TCB 90 automatic	220-240V	120W	12V	2-5,5 A	8 A	2	•	•	•	•	15A	OK	OK	12 × 17 × 29 cm	3200 g	
TCB 120 automatic	220-240V	150W	12V	3,5-7 A	10,5 A	2	•	•	•	•	15A	OK	OK	12 × 17 × 29 cm	3200 g	

RECOMMENDATION	6V		12V		24V		6V									
	5 Ah	10 Ah	15 Ah	20 Ah	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 •										
ARTIC 1500											3 Ah •					
ARTIC 4000																
ARTIC 8000																
ENERGY 124														10 • 45 Ah		
ENERGY 126														15 • 60 Ah		
TCB 60														10 Ah •		
TCB 90														15 • 90 Ah		
TCB 120														20 • 120 Ah		



CT

# CHARGERS



**CT 160**  
**9 A**  
 SSM  
 1.5 m - 1.5 mm<sup>2</sup> → 40 A  
 024106  
 025325



**CT 210**  
**12 A**  
 SSM  
 1.5 m - 2.5 mm<sup>2</sup> → 40 A  
 024113  
 025349

12/24 V • MANUAL **W**

CA



Protection for on-board electronics



**CA 150**  
**10 A**  
 SSM  
 1.5 m - 2.5 mm<sup>2</sup> → 40 A  
 024434



**CA 360**  
**25 A**  
 SSM  
 2 m - 6 mm<sup>2</sup> → 60 A  
 023185

12/24 V • AUTOMATIC **W2**

## MULTICHARGE



6 charging speeds

**MULTICHARGE CT 48**  
**32 A**  
 SSM  
 026087

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  
 025417  
 1.5 m - 1.5 mm<sup>2</sup> → 40 A



**WATTMATIC 140**  
**9 A** GO > 3.5 V  
 SSM START STOP  
 025608  
 025622  
 1.5 m - 2.5 mm<sup>2</sup> → 40 A



**WATTMATIC 170**  
**10 A** GO > 3.5 V  
 SSM START STOP  
 025615  
 025639  
 1.8 m - 2.5 mm<sup>2</sup> → 40 A

6/12 V • AUTOMATIC **WUoU**



Fuse x10

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

	Voltage	Power	Output	CHARGE				Eff. / RMS	Reg	Fuse	Dimensions	Weight
				Moyen / Average (EN 60335)			Reg					
				Reg 1	Reg 2	Reg 3						
<b>CT 160</b>	230V, 50/60 Hz	190 W	12/24V	12V > 7 A 24V > 3 A	9 A (boost) 5 A (boost)	—	13,5 A 7,5 A	2 2	15 A	20,5 x 30 x 13,5 cm	3,9 kg	
<b>CT 210</b>	230V, 50/60 Hz	260 W	12/24V	12V > 8 A 24V > 4 A	12 A (boost) 6 A (boost)	—	18 A 9 A	2 2	20 A	22,5 x 33,5 x 14,5 cm	5,2 kg	
<b>MULTICHARGE CT 48</b>	230V, 50/60 Hz	1200 W	12/24/36/48V	12V > 20,8 A 24V > 20,1 A 36V > 19,6 A 48V > 15,5 A	32,4 A 31,8 A 30,4 A (boost) 18,7 A (24,3 A boost)	—	31 A 29 A 29 A 28 A	6 6 6 6	40 A	32,5 x 39,5 x 20,5 cm	15,5 kg	
<b>CA 150</b>	230V, 50/60 Hz	500 W	12/24V	8 A	10 A (boost)	—	18 A	2	25 A	33 x 26 x 14 cm	6 kg	
<b>CA 360</b>	230V, 50/60 Hz	920 W	12/24V	7 A	15 A (boost1) 25 A (boost2)	—	37 A	3	50 A	44 x 31 x 23 cm	14 kg	
<b>WATTMATIC 100</b>	230V, 50 Hz	170 W	6/12V	3 A	5 A	—	11,4 A	2	10 A	24 x 26 x 13 cm	3,8 kg	
<b>WATTMATIC 140</b>	230V, 50 Hz	230 W	6/12V	5 A	9 A (boost)	—	16,5 A	2	15 A	36 x 22 x 14 cm	4,8 kg	
<b>WATTMATIC 170</b>	230V, 50 Hz	280 W	6/12V	6,5 A	10 A (boost)	—	18,8 A	2	20 A	36 x 22 x 14 cm	5 kg	

RECOMMENDATION	Capacity (Ah)															
	6V	12V	24V	5 Ah	10 Ah	15 Ah	20 Ah	40 Ah	80 Ah	90 Ah	110 Ah	120 Ah	180 Ah	240 Ah	300 Ah	+ Ah
<b>CT 160</b>																
<b>CT 210</b>																
<b>MULTICHARGE CT 48</b>																
<b>CA 150</b>																
<b>CA 360</b>																
<b>WATTMATIC 100</b>																
<b>WATTMATIC 140</b>																
<b>WATTMATIC 170</b>																



35

CT / CA / WATTMATIC CHARGERS

DESIGN GYS FRANCE  
MADE IN GYS CHINA









STARTFLASH

# CHARGERS / BSU & STARTERS

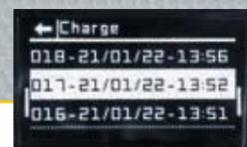
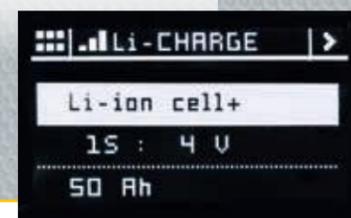
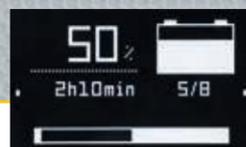
CNT Connected Technology

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<sub>4</sub>
- ✓ LI-ION STD
- ✓ LFP CELL+
- ✓ LI-ION CELL+

### BSU

#### DIAG +



#### SHOWROOM



#### CHANGE BATTERY



#### POWER SUPPLY



### AUTOMATIC STARTER

✓ START

### TEST

- ✓ VOLTAGE
- ✓ START UP
- ✓ ALTERNATOR

FULL PROTECTION

On-board electronics

Over voltage

No sparks

UNIVERSAL MODE AUTO SELECTION

SULFATED BATTERIES

START STOP ALL BATTERIES

GO >1V

PFC POWER FACTOR CORRECTION  
185 V ← 265 V

1 WORLD PREMIERE

43

STARTFLASH

CHARGERS & STARTERS

## NEW



### 6/12/24V • AUTOMATIC

STARTFLASH 120.24 CNT

## 2 > 300 A

5 m - 35 mm<sup>2</sup> 700 A  
073616

OPTION



Trolley 074965



Texas/Clamps  
2.5 m - 25 mm<sup>2</sup> 028876  
5 m - 25 mm<sup>2</sup> 027886



Texas/Rema 160 A  
5 m - 16 mm<sup>2</sup> 025714



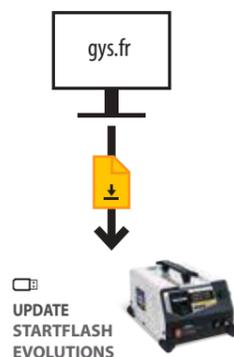
Texas/Anderson 175 A  
5 m - 25 mm<sup>2</sup> 025721



Texas/NATO  
5 m - 25 mm<sup>2</sup> 025707  
10 m - 25 mm<sup>2</sup> 056626

### CNT Connected Technology

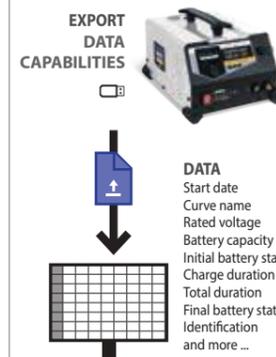
#### SOFTWARE UPDATE



#### CUSTOMIZATION

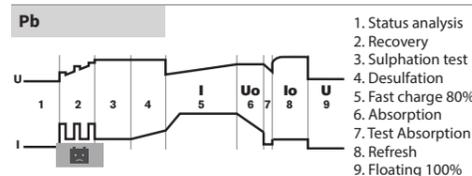


#### TRACEABILITY

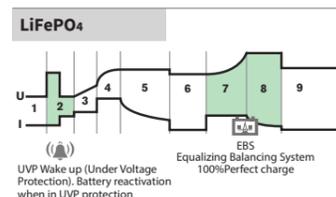


Connected Modules & Technology p.27

### SMART 9 STEP



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



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%



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



GYSPACK

# BOOSTERS

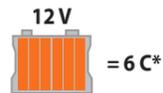
Pb/Lead INSIDE

POWER SUPPLY  
12V DC

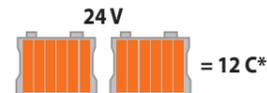
## COMPRESSOR



Air Kit included  
4 bars



\*C = cells, cellules



## HERITAGE 6/12 V



45

GYSPACK

BOOSTERS (Pb/Lead inside)



12 V 18 Ah INSIDE HOBBIES OCCASIONAL PRO INTENSIVE

GYSPACK 400  
1 250 A 480 A 1V/C

0.6 m - 16 mm<sup>2</sup> → 300 A  
025455  
025516

GYSPACK AIR  
1 250 A 480 A 1V/C

1.1 m - 25 mm<sup>2</sup> → 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 mm<sup>2</sup> → 300 A  
027336  
027497

GYSPACK PRO  
1 750 A 600 A 1V/C

1.1 m - 25 mm<sup>2</sup> → 500 A  
026155  
025523

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

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

1.8 m - 25 mm<sup>2</sup> → 600 A  
025844



**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  
054660  
**WU** FV FLEXIBLE VOLTAGE  
85 V 265 V

**CHARGER**  
Power in 110-240 V / out 12 V  
50/60 Hz  
054684  
054691  
**IUOU** FAST CHARGE FV FLEXIBLE VOLTAGE  
85 V 265 V



Après chaque utilisation  
After each use  
Nach jeder Anwendung

DESIGN  
GYS FRANCE  
MADE IN  
GYS CHINA

	Inside	START	1V/C	Cranking CC	Peak Battery	ON/OFF	Power Supply	EXTERNAL Charge 230V	TEST OK	Dimensions	Weight
GYSPACK 400	12V-18 Ah	12V	480 A	900 A	1250 A	—	—	12V DC/0,5A	12V DC/1,2A	• 26x10x29 cm	6,5 kg
GYSPACK AIR	12V-18 Ah	12V	480 A	900 A	1250 A	•	•	12V DC/0,5A	12V DC/1,2A	• 33x17x37 cm	8,7 kg
GYSPACK 600	12V-22 Ah	12V	550 A	1050 A	1750 A	—	—	12V DC	12V DC/1,2A	• 26x10x29 cm	6,5 kg
GYSPACK PRO	12V-22 Ah	12V	600 A	1100 A	1750 A	•	•	12V DC	12V DC/1,2A	• 35x14x37 cm	9 kg
GYSPACK HERITAGE 6/12	6V-2 x 20 Ah	6V-12V	400 A-450 A	800 A-850 A	3200 A-1600 A	•	•	1 x 300 A	12V DC/2A	• 37x20x46 cm	18 kg

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



GYSPACK

FOR GYSPACK 660/750/800/700/900

Fuse x2 200 A 054547 300 A 054561



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



# BOOSTERS

Pb/Lead INSIDE

POWER SUPPLY 12V DC



SPIRAL TECHNOLOGY



SPIRAL TECHNOLOGY



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 mm<sup>2</sup> 600 A

027862 027992 027879



INCLUDED GYSPACK 660

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



12 V **28 Ah** SPIRAL INSIDE HOBBIES OCCASIONAL PRO INTENSIVE

GYSPACK 750

2 500 A 750 A 1V/C

1.3 m - 25 mm<sup>2</sup> 600 A

026179 026353



INCLUDED GYSPACK 750

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



12 V **28 Ah** SPIRAL INSIDE HOBBIES OCCASIONAL PRO INTENSIVE

GYSPACK PRO 800

2 500 A 700 A 1V/C

1.8 m - 25 mm<sup>2</sup> 600 A

068759 072107

INCLUDED GYSPACK PRO 800

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



12 V **16 Ah** INSIDE HOBBIES OCCASIONAL PRO INTENSIVE

GYSPACK PRO 700

1 800 A 640 A 1V/C

1.4 m - 25 mm<sup>2</sup> 600 A

027077 027947



1 096 701

INTEGRATED CHARGER

7 STEP

12 V **30 Ah** INSIDE HOBBIES OCCASIONAL PRO INTENSIVE

GYSPACK PRO 900

3 100 A 830 A 1V/C

1.8 m - 35 mm<sup>2</sup> 600 A

027084 027954



1 096 701

INTEGRATED CHARGER

7 STEP



Après chaque utilisation After each use Nach jeder Anwendung

DESIGN GYS FRANCE

MADE IN GYS CHINA

MADE IN FRANCE

Model	START			CHARGER INSIDE	EXTERNAL Charge 230V	Protection		Power out		Fuse	Fuse	Dimensions	Weight
	Inside	1V/C	Cranking CC			Peak Battery	ON/OFF	Memory	12V DC				
GYSPACK 660	28 Ah	12V	640 A	1200 A	1900 A	•	•	•	•	1 × 200 A	35 × 19 × 40 cm	39 × 23 × 45 cm	13,5 kg
GYSPACK 750	28 Ah	12V	750 A	1450 A	2500 A	•	•	•	•	2 × 200 A	35 × 19 × 40 cm	39 × 23 × 45 cm	13,5 kg
GYSPACK PRO 800	28 Ah	12V	700 A	1320 A	2500 A	•	•	•	•	2 × 200 A	31 × 19 × 35 cm	32 × 23 × 37 cm	18,4 kg
GYSPACK PRO 700	16 Ah	12V	640 A	1200 A	1800 A	•	•	•	•	1 × 200 A	33 × 15 × 32 cm	35 × 24 × 36 cm	12 kg
GYSPACK PRO 900	30 Ah	12V	830 A	1700 A	3100 A	•	•	•	•	1 × 300 A	33 × 15 × 32 cm	35 × 24 × 36 cm	16 kg

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

GYSPACK BOOSTERS (Pb/Lead inside)





STARTPACK

# BOOSTERS

Pb/Lead **INSIDE**

**+** POWER SUPPLY  
12V DC



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



49

STARTPACK

BOOSTERS (Pb/Lead inside)

12/24 V

22 Ah + 22 Ah

INSIDE

OCCASIONAL PRO INTENSIVE

### STARTPACK TRUCK

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



1.8 m - 25 mm<sup>2</sup> 600 A 025448  
026339

### STARTPACK TRUCK MOBILE

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

1.8 m - 25 mm<sup>2</sup> 600 A 026025  
028807

INCLUDED STARTPACK TRUCK & TRUCK MOBILE



Après chaque utilisation  
After each use  
Nach jeder Anwendung

#### CHARGER

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



#### OPTION

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



12/24 V

16 Ah + 16 Ah

INSIDE

OCCASIONAL PRO INTENSIVE

### STARTPACK 12.24 CI

12V	<b>3600 A</b>	<b>900 A</b> 1V/C	24V	<b>1 800 A</b>	<b>700 A</b> 1V/C
-----	---------------	----------------------	-----	----------------	----------------------

1.8 m - 35 mm<sup>2</sup> 600 A 024991  
068155

12/24 V

30 Ah + 30 Ah

INSIDE

OCCASIONAL PRO INTENSIVE

### STARTPACK PRO 12.24 CI

12V	<b>6200 A</b>	<b>1300 A</b> 1V/C	24V	<b>3100 A</b>	<b>1200 A</b> 1V/C
-----	---------------	-----------------------	-----	---------------	-----------------------

2 m - 50 mm<sup>2</sup> 600 A 028920  
068162

INCLUDED STARTPACK 12.24 & PRO 12.24

Fuse x2 200 A 054547 300 A 054561



INTEGRATED CHARGER

7 STEP



Après chaque utilisation  
After each use  
Nach jeder Anwendung

DESIGN GYS FRANCE

MADE IN GYS CHINA

MADE IN FRANCE

DESIGN	INSIDE	START			TEST	OK	50 / 60 Hz	CHARGER INSIDE	EXTERNAL Charge 230V	Protection		Power out		Fuse	Fuse	Dimensions	Weight
		1V/C	Cranking CC	Peak Battery						ON/OFF	Memory	12V DC	12V DC				
STARTPACK TRUCK	2x 22 Ah	12V	750 A	1450 A	3200 A	•	110-240 V	—	12V/2A DC	•	•	12V DC	—	1x300 A	37x20x46 cm	39x22x50 cm	18 kg
		24V	650 A	1300 A	1600 A	•	110-240 V	—	12V/2A DC	•	•	12V DC	—	1x300 A	37x20x57 cm	39x24x60 cm	21 kg
STARTPACK 12.24 CI	2x 16 Ah	12V	900 A	1700 A	3600 A	—	220-240 V	4 A	—	•	•	—	—	1x300 A	26x20x48 cm	34x20x51 cm	19 kg
		24V	700 A	1350 A	1800 A	—	220-240 V	4 A	—	•	•	—	—	1x300 A	14x35x56 cm	63x39x30 cm	34 kg
STARTPACK PRO 12.24 CI	2x 30 Ah	12V	1300 A	2400 A	6200 A	—	220-240 V	4 A	—	•	•	—	—	1x300 A	14x35x56 cm	63x39x30 cm	34 kg
		24V	1200 A	2250 A	3100 A	—	220-240 V	4 A	—	•	•	—	—	1x300 A	14x35x56 cm	63x39x30 cm	34 kg

RECOMMENDATION	6V	12V	24V	5 Ah	10 Ah	15 Ah	20 Ah	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



STARTPACK

# BOOSTERS



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



HIGH QUALITY BATTERIES



INCLUDED

GYSFLASH XL 6.12

1.9 m



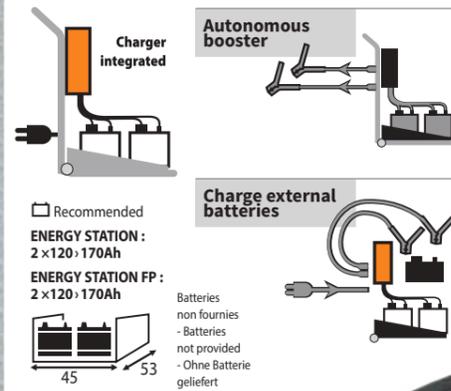
1.9 m

7 STEP

6 A - Advanced technology  
8 step smart charge



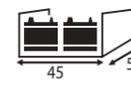
ENERGY STATION



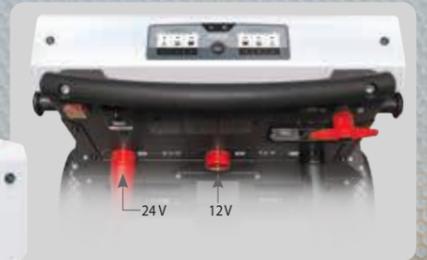
Recommended

ENERGY STATION :  
2 x 120 · 170Ah

ENERGY STATION FP :  
2 x 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

50 Ah SPIRAL + 50 Ah SPIRAL

INSIDE

HOBBIES OCCASIONAL PRO +++ INTENSIVE

STARTPACK PRO 12.24 XL

12V 8 500 A 1600 A 1V/C

24V 4 250 A 1400 A 1V/C

2 m - 70 mm<sup>2</sup> 1000 A 026711

**OPTION**

STANDARD CABLES 1000 A - 70 mm<sup>2</sup> - 4 m 026827

NATO CABLES 3 m - 50 mm<sup>2</sup> 072589

NATO CONNECTOR 026780

NATO ID / NCAGE : F8154 CG730

12/24 V

HOBBIES OCCASIONAL PRO INTENSIVE +++

ENERGY STATION FP 069589

INTEGRATED CHARGER 6 STEP



Après chaque utilisation After each use Nach jeder Anwendung

Model	Inside	START			CHARGE		CHARGER	Protection			Cables	Dimensions	Weight		
		12V	1V/C	Cranking CC	Peak Battery	min		max	ON/OFF	Fuse				Current	
STARTPACK PRO 12.24 XL	2x 50 Ah	12V	1 600 A	3 000 A	8 500 A	—	—	6 A outside	automatic	•	300 A	2 m ø 70 mm <sup>2</sup>	106 × 32 × 35 cm	112 × 35 × 43 cm	68 kg
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 mm <sup>2</sup>	70 × 65 × 91 cm	80 × 53 × 28 cm	29 kg + batteries

**RECOMMENDATION**

Model	12V	24V	5 Ah	10 Ah	15 Ah	20 Ah	40 Ah	80 Ah	90 Ah	110 Ah	120 Ah	180 Ah	240 Ah	300 Ah	+ Ah
STARTPACK PRO 12.24 XL	•	•													
ENERGY STATION FP	—	—													



51

STARTPACK / ENERGystation

BOOSTERS (Pb/Lead inside)

# SELECT THE RIGHT BOOSTER

## CHOISISSEZ VOTRE BOOSTER • WÄHLEN SIE IHREN BOOSTER AUS

		12 V									12-24 V				ENERGY STATION FP
		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	
		025844	025455	026322	027336	026155	027862	027077	026179	068759	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	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	750 (12 V)	900 A (12 V)	1300 A (12 V)	1600 A (12 V)	
	CC	450 (12 V)									650 (24 V)	700 A (24 V)	1200 A (24 V)	1400 A (24 V)	
	800 (6 V)										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	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)		
2x20 Ah		18 Ah	18 Ah	22 Ah	22 Ah	28 Ah	16 Ah <i>EnerSys</i>	28 Ah	28 Ah	30 Ah <i>EnerSys</i>	2 x 22 Ah	2 x 16 Ah <i>EnerSys</i>	2 x 30 Ah <i>EnerSys</i>	2 x 50 Ah <i>EXIDE TECHNOLOGIES</i>	
SPIRAL TECHNOLOGY															
ON/OFF		■	■	■	■	■	■	■	■	■	■	■	■	■	■ automatic
TEST OK		■	■	■	■	■	■	■	■	■	■	■	■	■	■
2 A		outside	outside	outside	outside	outside	inside	outside	outside	inside	outside	inside	inside	outside	inside
Floating		2 A	0,5 A	0,5 A	0,5 A	0,5 A	2 A	2,5 A	2 A	2 A	2 A	4 A	4 A	6 A	30A
12 V DC		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
ON/OFF		■	■	■	■	■	■	■	■	■	■	■	■	■	■
1,8 m		0,6 m	1,1 m	0,6 m	1,1 m	1,3 m	1,4 m	1,3 m	1,8 m	1,8 m	1,8 m	1,8 m	2 m	2 m	2,5 m
ø25 mm <sup>2</sup>		ø16 mm <sup>2</sup>	ø25 mm <sup>2</sup>	ø16 mm <sup>2</sup>	ø25 mm <sup>2</sup>	ø25 mm <sup>2</sup>	ø25 mm <sup>2</sup>	ø25 mm <sup>2</sup>	ø25 mm <sup>2</sup>	ø35 mm <sup>2</sup>	ø25 mm <sup>2</sup>	ø35 mm <sup>2</sup>	ø50 mm <sup>2</sup>	ø70 mm <sup>2</sup>	ø50 mm <sup>2</sup>
37x20x46		26x10x29	33x17x37	26x10x29	35x14x37	35x19x40	33x15x32	35x19x40	31x19x35	33x15x32	37x20x46/37x20x57	34x18x46	63x39x30	112x35x43	70x65x91
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**

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 cargador conectado permanentemente.

OPGELET BIJTEN GEBRUIK  
Laat de lader onafgebroken aangesloten.



Après chaque utilisation  
After each use  
Nach jeder Anwendung

ATTENTION HORS UTILISATION  
Laisser le chargeur branché  
en permanence.



### NATO / OTAN : PRODUITS COMPATIBLES

- Compatible Products - Kompatible Produkte



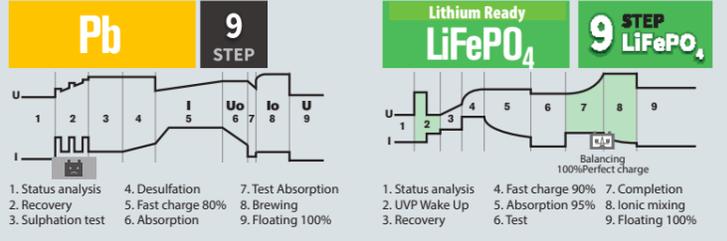
NATO ID / NCAGE : F8154 CG730

	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 mm <sup>2</sup> 026810	✓	—	—	✓	—	—	—
Texas/NATO 5 m - 25 mm <sup>2</sup> 025707	—	✓	✓	—	—	—	—
Texas/NATO 10 m - 25 mm <sup>2</sup> 056626	—	—	—	—	—	—	—
Anderson/NATO 3.5 m - 50 mm <sup>2</sup> 025653	—	—	—	—	—	✓	—
Anderson/NATO 2 m - 50 mm <sup>2</sup> 026803	—	—	—	—	—	—	✓
Anderson/NATO 3 m - 50 mm <sup>2</sup> 072589	—	—	—	—	—	—	—
2pts/NATO 5 m - 4 mm <sup>2</sup> 025837	—	—	—	—	✓	—	—
2pts/NATO Spiral 5 m 028968	—	—	—	—	✓	—	—



### BATTERIES DE TRACTION : PRODUITS COMPATIBLES

Compatible Products - Kompatible Produkte



		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	65 Ah	70 Ah	85 Ah	95 Ah	105 Ah	115 Ah	125 Ah	135 Ah	150 Ah	15 A
	GYSFLASH 30.24	105 Ah	115 Ah	140 Ah	160 Ah	175 Ah	190 Ah	220 Ah	225 Ah	250 Ah	25 A
	GYSFLASH 51.12	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	210 Ah	230 Ah	280 Ah	315 Ah	350 Ah	380 Ah	415 Ah	450 Ah	500 Ah	50 A
	GYSFLASH 53.48	210 Ah	230 Ah	280 Ah	315 Ah	350 Ah	380 Ah	415 Ah	450 Ah	500 Ah	50 A



	Cables Anderson 175A/Texas
100 A	5 m - 25 mm <sup>2</sup> 025721
100 A	Cables REMA 160A/Texas
100 A	5 m - 25 mm <sup>2</sup> 025714
15 A	Cables REMA 160A/Anderson
50 A	5 m - 16 mm <sup>2</sup> 069091
30 A	Cables Anderson 175A/Anderson
50 A	5 m - 16 mm <sup>2</sup> 069107

NATO COMPATIBILITY



# BOOSTERS

LITHIUM INSIDE

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



4700 Pa



- ▶ START ENGINE
- + POWER BANK
- + LIGHT

PRO XL  
★★★★

PRO  
★★★



12V

12V

NOMAD POWER VAC 350

400 A

0,26 m - 5,26 mm<sup>2</sup> → AWG10  
028937



NOMAD POWER 300

350 A

0,28 m - 5,2 mm<sup>2</sup> → AWG10  
025875



NOMAD POWER 500

550 A

0,4 m - 8,3 mm<sup>2</sup> → AWG8  
027145  
☎: 069633



ACCESSORIES included for NOMAD POWER 500



ACCESSORIES included for NOMAD POWER VAC 350

SMART CABLE MULTI SECURITIES



ACCESSORIES included for NOMAD POWER 300



NOMAD POWER 400

500 A

0,28 m - 5,2 mm<sup>2</sup> → AWG10  
025882



ACCESSORIES included for NOMAD POWER 400



NOMAD POWER PRO 700

600 A

0,26 m - 8,3 mm<sup>2</sup> → AWG8  
027510  
☎: 028838



ACCESSORIES included for NOMAD POWER PRO 700



SMART CABLE MULTI SECURITIES

NOMAD POWER PRO TRUCK

600 A

0,55 m - 13,3 mm<sup>2</sup> → AWG6  
027527  
☎: 028845



ACCESSORIES included for NOMAD POWER 500



NOMAD POWER PRO 12 XL

1000 A

0,8 m - 21 mm<sup>2</sup> → AWG4  
025912  
☎: 069640



NOMAD POWER PRO 24 XL

1400 A

0,8 m - 21 mm<sup>2</sup> → AWG4  
025905  
☎: 069657



ACCESSORIES included for

NOMAD POWER PRO 12 XL  
NOMAD POWER PRO 24 XL



MADE IN CHINA

54

	LITHIUM		I			J (3s)	START PETROL & DIESEL	CABLE	MULTI SECURITIES	INPUT	MICRO USB	OUTPUT	POWER BANK				cm	kg
	CAPACITY/CELL	TYPE	FULL CHARGE	Start (6V)	Cranking CC								Peak Battery	Smart	USB	OB		
NP VAC 350	2.5 Ah - 37 Wh	NMC	5 h	400 A	800 A	1000 A	9000 J	12V	5V-2A	•	5V/2 A	5V/2 A (Type C)	5V/2 A	•	2	—	27.2 × 0.65	0.48
NP 300	2.5 Ah - 37 Wh	NMC	5 h	350 A	700 A	900 A	8000 J	12V	12V 5V-2.1 A	•	5V/2 A	—	5V/9V/12V - 5V/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	12V	12V 5V-2.1 A	•	5V/2 A	—	5V/9V/12V - 5V/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	12V	12V 5V-2A	•	5V/2 A 9V/2 A	—	5V/1A - 5V/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	12V	—	•	9V/2 A 12V/1.5 A	5V/2 A (Type C)	5V/2.4 A - 9V/2 A 12V/1.5 A - 15V/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	12V: 14000 J 24V: 35000 J	12V/24V	—	•	9 V/2 A 12 V/1.5 A	5V/2 A (Type C)	5V/1 A - 5V/2.1 A - 12V/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	12V	12V/15 A 4 A	—	18V/2 A	—	5V/2.1 A - 12V/3.5 A 12V/10 A - 19V/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	24V	12V/15 A 4 A	—	18V/2 A	—	5V/2.1 A - 12V/3.5 A 12V/10 A - 19V/3.5 A	•	2	•	27.4 × 27.8 × 11	5.6

Recommendation	Motorcycle	Car	Van	Truck	Bus	Tractor	Excavator	Generator	Trailer
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								
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** 12V **GO > 5 V**

026735



5x **800 F** INSIDE

#### INCLUDED

CIGARETTE LIGHTER for Easy charge  
STARTRONIC 800 & HYBRID 950  
027404



STARTRONIC **HYBRID 950**

**SUPERCAPACITORS + LITHIUM**

**950 A** 12V **GO > 1 V**

026117



Digital control



PROFESSIONAL • IMMEDIATE  
**HYBRID** TECHNOLOGY  
UNIVERSAL STARTER  
SMART SECURITY POWER

5x **950 F** + **Lithium** INSIDE

INCLUDED STARTRONIC HYBRID 950

Lithium battery



027411

### SUPERCAPACITORS



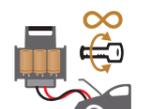
1 MILLION CYCLES



ULTRA FAST CHARGE



NO CHARGE STORAGE



UNLIMITED STARTS

### SMART STARTER



FULL PROTECTION

-40/+65°C

SMART STARTER MANAGEMENT SYSTEM



PRO ★★★



PRO ★★★



12V

5x **3000 F** INSIDE

GYSCAP 680E

**1600 A** 12V **GO > 1 V**

026773

1.7 m - 25 mm<sup>2</sup>  
Cables 100% Cu



Homologations / Approvals / Zulassungen:  
PSA17.1716

24V

10x **3000 F** INSIDE

GYSCAP 24V

**2500 A** 24V **GO > 2 V**

028944

2 m - 50 mm<sup>2</sup>  
Cables 100% Cu

INCLUDED CIGARETTE LIGHTER for Easy charge  
1.5 m



GYSCAP 680E / GYSCAP 24V

OPTION GYSFLASH 4.12  
p.6



GYSCAP 680E / GYSCAP 24V

F5  
p.14



MADE IN CHINA

STARTRONIC 800

	I			Number of Capacitors	Integrated Inverter	INPUT CHARGE				Charging time	MICRO USB Type B	internal lithium battery	cm	kg
	1V/C	START ICC	Peak			12V OFF	12V ON	12V / 10 A OFF	12V / 10 A ON					

STARTRONIC HYBRID 950

800 A	1 400 A	-	12V	5 x 800 F	•	4 min	60 s	4 min	4 min	5 V/2 A	40 min	-	26,7 x 19,5 x 5	1,86
950 A	1 660 A	-	12V	5 x 950 F	•	4 min	60 s	4 min	4 min	5 V/2 A	40 min	30 min	25 x 18,5 x 6	1,86

MADE IN FRANCE

GYSCAP 680E

1 600 A	2 700 A	9 000 A	12V	5 x 3000 F	•	15 min	2 min	15 min	15 min	-	-	-	35 x 44 x 19	8,2
---------	---------	---------	-----	------------	---	--------	-------	--------	--------	---	---	---	--------------	-----

GYSCAP 24V

2 500 A	4 500 A	10 000 A	24V	10 x 3000 F	•	15 min	2 min	30 min	30 min	-	-	-	32 x 49 x 21,5	12
---------	---------	----------	-----	-------------	---	--------	-------	--------	--------	---	---	---	----------------	----

Recommendation



STARTRONIC 800

5 < 90 Ah

STARTRONIC HYBRID 950

5 < 100 Ah

GYSCAP 680 E

5 < 150 Ah

GYSCAP 24V

225 Ah

# TESTERS



**x4**  
Languages  
Sprachen

Download on the App Store  
GET IT ON Google Play

**x7**  
Languages  
Sprachen

Download on the App Store  
GET IT ON Google Play

**x6**  
Languages  
Sprachen

Bluetooth

Download on the App Store  
GET IT ON Google Play

NOT INCLUDED

HIGH TECH BT MOBILITY  
TRACK DATA by E-devices

**NEW**  
05 2023

### 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

**BTW 6V/12V**

**6/12 V** 7 > 240 Ah

077355

ALTERNATOR 12/24 V

**BTW 300 DHC**

**6/12 V** 7 > 240 Ah

056664

ALTERNATOR 12/24 V

**Wireless battery monitor**

**12/24 V** 7 > 240 Ah

024212

### LED

**BT 001**

**12 V** 7 > 230 Ah

056640

### NUMERIC

**NBT 100**

**12 V** 20 > 150 Ah

024151

ALTERNATOR 12 V

**NBT 200**

**12 V** 20 > 150 Ah

024168

ALTERNATOR 12 V

**x1**  
Languages  
Sprachen

**DBT 300**

**12 V** 4 > 150 Ah

024175

ALTERNATOR 12 V

**x10**  
Languages  
Sprachen

**DBT 350**

**12 V** 7 > 240 Ah

025868

ALTERNATOR 12/24 V

**x9**  
Languages  
Sprachen

**DBT 400**

**6/12 V** 7 > 240 Ah

024182

ALTERNATOR 12/24 V

1.8 m  
\*detachable

### DIGITAL

**DBT 300**

**12 V** 4 > 150 Ah

024175

ALTERNATOR 12 V

**DBT 350**

**12 V** 7 > 240 Ah

025868

ALTERNATOR 12/24 V

**DBT 400**

**6/12 V** 7 > 240 Ah

024182

ALTERNATOR 12/24 V

	BATTERY A	BATTERY V	CHARGE & START SYSTEM VEHICLE	TEST										
				PRINT PAPER	DIGITAL	RESULT	TEMPERATURE COMPENSATION	cm	kg					
MADE IN CHINA	TBP 100	6-12V	20 > 100 Ah	•	•	12V	—	—	5/10s	15 min	—	—	16x1.8x30	1.5
	TBP 500	12V	10 > 160 Ah	•	•	12V	—	—	15s	15 min	—	—	27x26x13	3.75
MADE IN TAIWAN	BTW 300 DHC	6-12V	7 > 240 Ah	•	min 1.5V	12/24V	—	—	1s	instant	•	—	10x3x7	0.33
MADE IN CHINA	BTW 6V/12V	6-12V	7 > 240 Ah	—	min 4,5V	12/24V	—	—	1s	instant	•	—	11x3x2	0.11
	BATTERY MONITOR	12-24V	7 > 240 Ah	—	min 7V	12/24V	—	—	1s	instant	•	—	6.5x5x1.5	0.1
	BT 001	12V	7 > 230 Ah	—	•	12V	—	LED	1s	instant	—	—	3x12x1.5	0.29
MADE IN TAIWAN	NBT 100	12V	20 > 150 Ah	•	min 7V	—	—	•	1s	instant	—	—	7x1.5x12	0.25
	NBT 200	12V	20 > 150 Ah	•	min 7V	12V	—	•	1s	instant	—	—	7x1.5x12	0.25
	DBT 300	12V	4 > 150 Ah	•	min 4,5V	12V	—	—	1s	instant	—	—	12x7.9x22.7	0.25
	DBT 350	12V	7 > 240 Ah	•	min 8V	12/24V	—	—	1s	instant	•	—	9.6x3x13.8	0.8
	DBT 400	6-12V	7 > 240 Ah	•	min 1,5V	12/24V	—	—	1s	instant	•	6 x 1,5V CR6-AA	11.5x5x19	0.8

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



PBT

# TESTERS

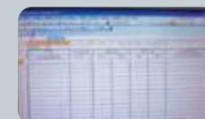
+ PRINTER



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



61

PBT

TESTERS

x6  
Languages  
Sprachen



Homologations  
Approvals  
Zulassungen

0.65 m

x5  
Languages  
Sprachen



1.2 m

x10  
Languages  
Sprachen



x9  
Languages  
Sprachen



1.8 m

x10  
Languages  
Sprachen



NEW  
01 2023

1.8 m

x10  
Languages  
Sprachen



1.8 m

## PRINTER • 12 V

PBT 550

12 V 30 > 220 Ah

START STOP ALTERNATOR 12 V

024199



x2 (included)  
056633

PBT 600

12 V 30 > 220 Ah

START STOP ALTERNATOR 12/24 V

024205



x2 (included)  
056633

PBT 700

12 V 7 > 240 Ah

START STOP ALTERNATOR 12/24 V

024229



Standard  
57 mm (W)  
x1 (included)  
056237

## PRINTER • 6/12 V

BT2010 START-STOP DHC

6/12 V 7 > 240 Ah

START STOP ALTERNATOR 12/24 V

055339



Included for  
BT2010 / PBT 812 / PBT 824

M/F plug  
Clamps  
056510

PBT 812

6/12 V 7 > 240 Ah

START STOP ALTERNATOR 12/24 V

076686



Standard  
57 mm (W)  
x1  
056237

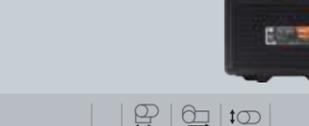
## PRINTER • 6/12/24 V (2x12)

PBT 824

6/12/24(2x12)V 7 > 240 Ah

START STOP ALTERNATOR 12/24 V

025738



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

Languages - Sprachen

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

MADE IN CHINA  
MADE IN TAIWAN

	A	V	TEST		PRINT PAPER	DIGITAL	RESULT	TEMPERATURE COMPENSATION	cm	kg	
			CHARGE & START SYSTEM VEHICLE								
PBT 550	12V	30 > 220 Ah	min 6V	12V	rétro-éclairé /back-lit	1s	instant	•	55x25	0.55	
PBT 600	12V	30 > 220 Ah	min 8V	12 / 24V	rétro-éclairé /back-lit	1s	instant	•	55x25	1.1	
PBT 700	12V	7 > 240 Ah	min 8V	12/24V	rétro-éclairé /back-lit	1s	instant	•	23,5x10,2x6,8	0.7	
BT 2010 DHC	6-12V	7 > 240 Ah	min 1.5V	12/24V	rétro-éclairé /back-lit	1s	instant	•	6 x 1.5 V LR6-AA	13x6,4 x25,1	0.7
PBT 812	6-12V	7 > 240 Ah	min 1.5V	12/24V	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	12/24V	rétro-éclairé /back-lit 4 colors	1s	instant	•	6 x 1.5 V LR6-AA	25x4,5 x13	0.7

i Recommendation	Batteries/Battery/ Ladegeräte	Circuit alternateur/ Alternator Circuit/ Lichtmaschine/Schaltkreis	PRINT PAPER	TEST					CURRENT CCA SAE	
				LIQUID	START /STOP ENGINE	EFB	AGM VRLA/GEL			
PBT 550	12V			•	•	•	•		30 > 220 Ah	100 > 2000 A
PBT 600	12V			•	•	•	•		30 > 220 Ah	100 > 2000 A
PBT 700	12V			•	•	•	•	7 > 240 Ah	7 > 240 Ah	40 > 2000 A
BT 2010 DHC	6v 12V			•	•	•	•		7 > 240 Ah	40 > 3000 A
PBT 812	6v 12V			•	•	•	•		7 > 240 Ah	25 > 3000 A
PBT 824	6v 12V 24V (2x12)			•	•	•	•		7 > 240 Ah	40 > 2000 A

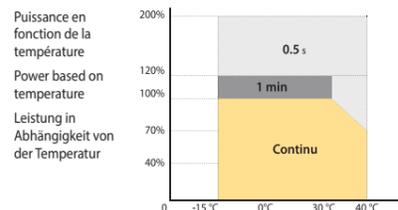
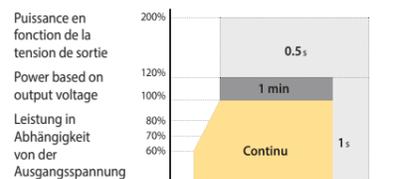
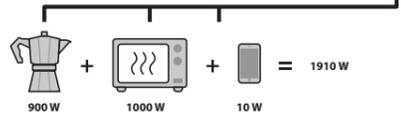
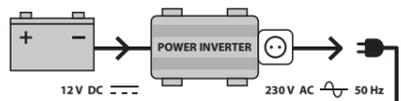


# POWER INVERTER

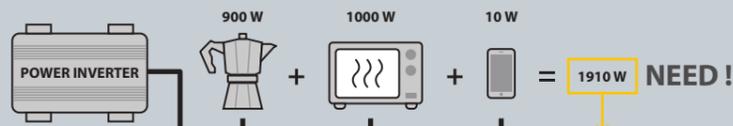
12/24 V DC > 230 V AC



## 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



### 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 150W	clips	Universal	clips	cm	cm	kg	
CONVERGYS 150	150 W	300 W	—	90,5 %	12V	230V	5V - 2 A	•	—	•	—	N/A	6 × 10 × 5	0,5 kg	
CONVERGYS 300	300 W	600 W	—	85 %	12V	230V	5V - 2 A	•	•	•	—	N/A	10 × 15 × 6	0,95 kg	
PSW 601W RC-12	600 W	1200 W	•	90 %	12V	230V	5V - 2 A	—	cables	•	•	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	•	•	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	•	•	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	•	•	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	•	•	—	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	•	•	5 m	38,5 × 25 × 10	45 × 34 × 17	6,25 kg

## 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

12 V CONVERGYS

CONVERGYS 150  
027022  
027039



CONVERGYS 300  
027053  
027046



12 V PSW

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



MSW 82000  
027237  
027244

24 V PSW



PSW 2002W RC-24  
067417  
067424

INCLUDED FOR ALL





POWER PACK

# 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

MPPT integrated

Solar panel compatibility



## 4in1

<b>1</b> 230 V - 50 Hz / 500 W	<b>2</b> 12 V / 12 A	<b>3</b> USB	<b>4</b> LIGHT
 <b>UNIVERSAL OUTPUT</b> Type C / E / F / G / I	 Cigarette lighter + DC	 Type C + USB QuickCharge 3.0 5V/3A; 9V/2A; 12V/1.5A Dual x2 5V/3.1A (Single: 2.4A Max)	<b>3 MODES</b> - Light - S.O.S. - Spot

## 5in1

<b>1</b> 230 V - 50 Hz / 1000 W	<b>2</b> 12 V / 10 A	<b>3</b> USB	<b>4</b> LIGHT
 <b>Type C / E / F</b>	 Cigarette lighter + DC	 Type C + USB QuickCharge 3.0 5V/3A; 9V/2A; 12V/1.5A Dual x2 5V/3.1A (Single: 2.4A Max)	<b>5 MODES</b> - Light (Low - Medium - High) - S.O.S. - Spot

**POWER PACK 520**  
**518 Wh** **20 Ah**  
 027961



POWER PACK 520 charging cables

**POWER PACK 1300**  
**1280 Wh** **50 Ah**  
 071988



ACCESSORIES included for POWER PACK 1300

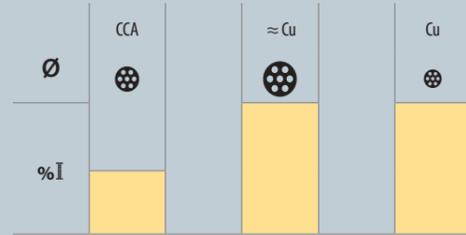
**5 BOOSTER**  
  
**12 V PETROL & DIESEL**

	LITHIUM FULL CHARGE		TYPE	I		Nb cycles	POWER OUT	INPUT	OUTPUT	POWER SUPPLY			LIGHT	mm	kg
	CAPACITY/CELL	FULL CHARGE		Start	Peak					PHONE	USB	TABLET			
<b>POWER PACK 520</b>	518 Wh	8 h	NMC	—	—	1000	500 W	12-30V 80W max	5V/3 A; 9V/2 A; 12V/1.5 A 12V/12 A; 5V/3.1 A 230 V/50 Hz/500 W (AC) x2	•	3+ 1 (MICRO USB - Type C)	1 x LED	264 x 234 x 163	5.14	
<b>POWER PACK 1300</b>	1280 Wh	7 h - 11 h selon le mode de recharge	LFP	500 A	1000 A	2000	1000 W	12-30V 200W max	5 V - 9 V - 12 V - 16 V/3 A 20 V/3 A; 20V/5 A; 12V/10 A 230 V/50 Hz x3	•	4+ 2 (MICRO USB - Type C)	1 x LED	360 x 270 x 280	17.5	

RECOMMENDATION	Game	Phone	MP3	Laptop	TV	Tablet	Camera	Drill	Saw	Hammer	Screwdriver	Wrench	Key	Lock	Light	Speaker	Radio	Car	Truck	Boat	
<b>POWER PACK 520</b>	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
<b>POWER PACK 1300</b>	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•

# JUMPER CABLES

320 A > 1000 A



	Motorcycle	Truck	Tractor	Boat	Truck	Truck	Truck	Truck	Truck	Truck	Truck	Truck	Truck	Truck	Truck	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 bronce, latão isoladas - Ακροδέκτες χαλκού χωρίς μόνωση - ЛАТУННЫЕ ЗАЖИМЫ, НЕИЗОЛИРОВАННЫЕ - 黄铜夹, 无绝缘



	Power	Length	Clamps	Cross-section
056206	320 A	3 m	—	16 mm <sup>2</sup> (CCA)
564015	500 A	3 m	—	25 mm <sup>2</sup> (CCA)
056404	700 A	4,5 m	—	35 mm <sup>2</sup> (CCA)
056602	1000 A	5,1 m	—	50 mm <sup>2</sup> (100% Cu)
056190	1000 A	4,5 m	INCLUDED	50 mm <sup>2</sup> (100% Cu)

## PRO INSULATED CLAMPS

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



	Power	Length	ESSENCE BENZINE PETROL	DIESEL	Clamps	Cross-section	DIN 72553
056312	200 A	3 m	1,5l	—	—	10 mm <sup>2</sup>	—
056329	320 A	3 m	2,5l	—	—	16 mm <sup>2</sup>	•
056336	500 A	3,5 m	5,5l	3l	—	25 mm <sup>2</sup>	•
056343	700 A	4,5 m	7l	4l	—	35 mm <sup>2</sup>	•
056558	1000 A	4,5 m	7l	4l	INCLUDED	50 mm <sup>2</sup> (100% Cu)	—

## SUPER PRO INSULATED CLAMPS



**INCLUDED**



x 8



**ANTI-ARC PROTECTION x2**



	Power	Length	Cross-section
056541	700 A	4,5 m	35 mm <sup>2</sup>
056619	1000 A	5 m	50 mm <sup>2</sup>

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



TEST VOLT

LED




DIN 72553	Power	ESSENCE BENZINE PETROL	DIESEL	Length	Cross-section
027695	350 A	5,5l	3l	3,5 m	25 mm <sup>2</sup>

## EV CHARGING

10 A → 32 A

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



**SUPER PRO SMART EV CHARGE**

10 → 32 A 1 ph / 3 ph

075320



**INCLUDED**

16 A / 1ph



32 A / 3 ph



+ more output options...







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

IP 55	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 <sub>1</sub>	I <sub>1</sub>	P	ESSENCE	DIESEL	Length	Cross-section	OPTION
SUPER PRO SMART EV CHARGE	55	1 ph / 3 ph + N	10/13/16/20/32 A	2,3 → 22kW	•	•	5 m	Type 2	- 21 x 43 x 57 cm 060432 
PORTABLE EV CHARGER	66	1 ph	10 / 16 A	3,7 kW	•	—			
EV CHARGING CABLE	66	1 ph	32 A	7,4 kW	—	•			
EV CHARGING CABLE	66	3 ph	32 A	22 kW	—	•	Type 2		



### LAMPE BALADEUSE

- Hand Lamp  
- Handleuchte

**100-250 lumens (x3)**

**TRIPODE 250 L**  
3 x 1 W COB LED

3 x 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 x 100 x 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 x 65 x 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 x 56 x 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 x 65 x 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 x 27.5 x 28 mm

060852

360°

120 lumens

**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 x 47.5 x 42 mm

060845

motion detection mode

**0 > 600 lumens**

**PRO 600 L**  
6500 K

3.7 V - 2600 mAh Li-ion

**operating time**  
1.5 > 15 h

↓ 380 x 40 x 45 mm  
300 g  
057760  
058309

180°

charge indicator

120 lumens

### LAMPE AMBIANCE 360° - 360° ambient 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 x 75 x 75 mm  
IP 54  
450 g

059764

360°

180°

USB charging /Power supply

### 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

130 > 180 cm

AUTOBLOCK

CLIP

**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

130 cm

### PROJECTEUR SUR TRÉPIED

- Worklight with tripod  
- Arbeitsleuchte mit Standfuß

**1800 lumens**

**1800 L**  
3x 55 COB LED  
total 165 LED

1.8 m power cord

059146

adjustable 1.3 m max

**3000 lumens**

**3000 L**  
35 W COB LED

2 m power cord

IP 44

059979

adjustable 1.5 m max

**4000 lumens**

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

3 m power cord

059986

adjustable 2.3 m max

2.3 m max

## AUTOMOTIVE BATTERIES

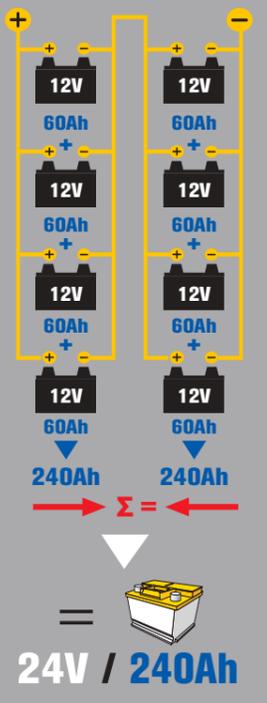
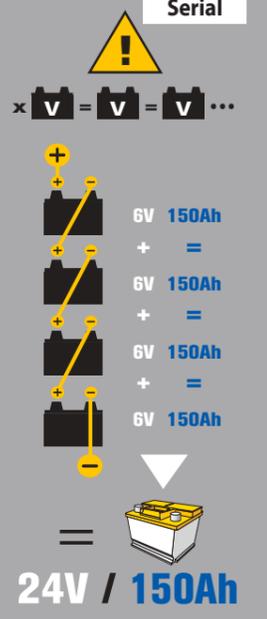
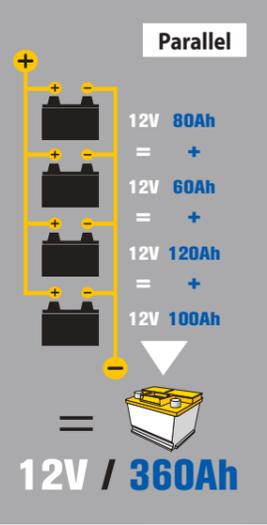
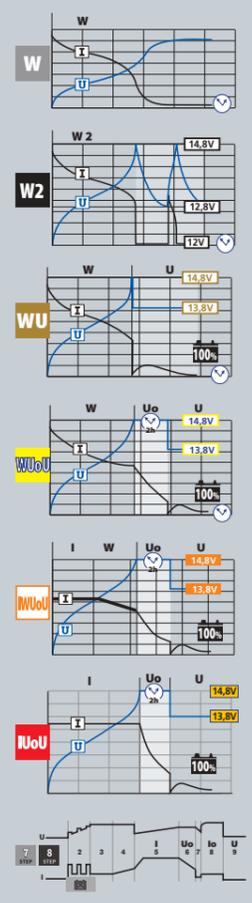
Batteries de démarrage - Starterbatterien - Baterias de arranque  
- Automotive accu's - Baterias de Automóvel - Motospilac  
огондатов - Пусковые батареи - 汽车启动电池

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 FAST CHARGE IUoU	✓	✓	✓	✓	✓	-	✓	✓
7 STEP FAST CHARGE GYSFLASH Pb	✓	✓	✓	✓	✓	✓	✓	✓

GYSFLASH Lithium

8 STEP Li-ion    8 STEP LiFePO<sub>4</sub>    9 STEP Li-ion    9 STEP LiFePO<sub>4</sub>

LiFePO<sub>4</sub> / Li-ion / Li-Po / NMC / LCO / MCO / NCA...



## MARKETING



Catalogs and posters available for download on our website [www.gys.fr](http://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



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

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



INVEST IN THE FUTURE



French manufacturer  
since 1964

2  
0  
2  
3

# Chargers, Boosters & Starters

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



## GYS FRANCE

### HEADQUARTERS

1 rue de la Croix des Landes  
CS 54159  
53941 Saint-Berthevin - Cedex  
Laval - France  
Tel +33 2 43 01 23 60  
E-mail [service.client@gys.fr](mailto:service.client@gys.fr)



ZI, 134 bd des Loges  
53941 Saint-Berthevin  
Laval - France

### LOGISTIC CENTER

2 Rue Jean Dausset  
53810 Changé - France  
Tel +33 2 43 01 54 33



## GYS GERMANY

Professor-Wieler  
Straße 11  
52070 Aachen  
Deutschland

Tel +49 241/189-23-710  
Fax +49 241/189-23-719  
E-mail [aachen@gys.fr](mailto:aachen@gys.fr)



## GYS UK

Unit 3 - Great Central Way  
Rugby - Warwickshire  
CV21 3XH  
United Kingdom

Tel +44 1926 338 609  
Fax +44 1926 429 764  
E-mail [uk@gys.fr](mailto:uk@gys.fr)



## GYS ITALIA

Vega - Parco Scientifico  
Tecnologico di Venezia  
Via Delle Industrie, 25/4  
30175 Marghera - VE  
Italia

Tel +39 041 53 21 565  
E-mail [italia@gys.fr](mailto:italia@gys.fr)



## GYS IBÉRICA

Avenida Pirineos 31  
Nave 9  
San Sebastian de los Reyes  
28703 Madrid  
España

Tel +34 917 409 790  
E-mail [iberica@gys.fr](mailto:iberica@gys.fr)



## GYS CHINA

Lot N°15  
6666 bd Songze  
201706 Qingpu  
Shanghai  
China

Tel +86 6221 4461  
Fax +86 5226 0067  
[www.gys-china.com.cn](http://www.gys-china.com.cn)  
E-mail  
[contact@gys-china.com.cn](mailto:contact@gys-china.com.cn)



LinkedIn  
 Youtube  
 WeChat  
 Facebook  
 Instagram

[www.gys.fr](http://www.gys.fr)

Distributed by

