

12 V

Ref. 068179

The GYSFLASH 51.12 CNT FV is a 50 A high power connected charger with inverter technology. It allows to keep a 12 V lead or lithium battery at a perfectly stabilized voltage during the diagnostic phases. It will deliver the best charging cycle recommended for the maintenance of the most advanced vehicles on the market. Its USB connectivity makes it 100% customizable.

4 OPERATING MODES

- **Charging** : for 12 V Lead or Lithium (LFP) batteries from 5 to 600 Ah.
- **Diagnostics** : supports up to 50 A for 12 V batteries in vehicles in the diagnostic phase, in maintenance workshops.
- **Showroom** : provides continuous power when using the electrical accessories of a demonstration vehicle. It also manages the optimal charging of the battery.
- **Testeur** : Allows you to check the battery voltage, evaluate the starting system (starter + battery) and the condition of the vehicle's alternator.

100% CONNECTED

- Add, delete or modify charging modes and profiles via USB.
- Import predefined configuration files adapted to the load trades.
- Retrieve the charging history and data on a USB stick and use them on a spreadsheet.
- Connect additional modules (printer, barcode reader, etc.) via its dedicated module socket (SMC: Smart Module Connector).

AUTOMATIC CHARGE

- Extends the life and performance of Lead (gel, AGM, liquid, calcium, etc.) and Lithium (LFP) batteries.
- Specific charging curve in **8 steps** (lead battery) or **9 steps** (lithium-iron phosphate battery) without supervision.
- Recovers deeply discharged batteries >2 V (*automatic SOS Recovery*).

TECHNOLOGIES & ADVANCED FUNCTIONS

- **FV Flexible Voltage**, the charger operates with a supply voltage between 85 and 265 V.
- **«Auto-Detect»** function automatically starts a charge when a battery is connected to the charger.
- **«Auto-Restart»** function in the event of a power failure with memory of the settings.
- **Control and calibration of cables.**
- **Locking**, avoids the risk of improper handling, ideal for garages and exhibition halls.
- Up to **12 charging profiles** available, including the Easy profile for simplified charging suitable for all lead batteries.

ULTRA-SECURE

- **Protection of the vehicle's on-board electronics**: protection against short circuits, polarity reversal and overcharging. Spark prevention system.
- **Replaceable fuse** which protects against misuse.
- **Temperature sensor** to prevent internal electronics overheating.

ERGONOMIC

- **Durable case** with shock and vibration absorbing pads.
- **IP41** enclosure, protected against the intrusion of objects larger than 1 mm.
- **Low height** (10.5 cm) allows the charger to sit hidden under a vehicle.



SMC USB

Supplied with cables
(2,5 m - 10 mm²)



Intuitive interface
available in 22 languages



ACCESSOIRES (optional)



Wall shelf
055513



Carry case
060432

compatible cables



Anderson Cable
> Pliers

056503 - 2.5 m - 16 mm²
054615 - 5 m - 16 mm²
056572 - 8 m - 16 mm²



Anderson Cable >
NATO

026810 - 5 m - 16 mm²



Anderson Cable >
Texas

055902 - 0.2 m - 16 mm²
028791 - 1 m - 16 mm²



NATO connector
026780

50 / 60 Hz		lcharge	V	Charge		Ondulation/ Ripple	Charging curve		40°C @100%	25°C @100%	kg	mm	SOS recovery	IP		
100-240 V AC	850 W	50 A	12 V	5 < 600 Ah	<0.2 Ah/ month	<150 mV Rms	IU ₀ I _U	8 step (Pb) 9 step (LiFePO ₄)	40 A	50 A	6,6	300 x 105 x 300	Automatic >2V	IP 41	80 A	2,5 m