

Specifically designed to be fitted on a wall or on a car lift, the vertical GYSFLASH 53.48 CNT FV is a 50 A high-power charger with inverter technology. It allows to keep a 6 V, 12 V, 24 V, 36 V and 48 V lead or lithium battery («standard» + Lithium-ion + Lithium-Iron Phosphate) at a perfectly stabilized voltage during the diagnostic phases. It also guarantees optimum charging quality for the maintenance of the most advanced batteries, especially traction batteries. Its USB connectivity makes it 100% customizable.

4 OPERATING MODES

- **Charging:** for 6/12/24/36/48 V Lead or Lithium batteries from 5 to 600 Ah.
- **Diagnostic:** supports up to 50 A vehicle batteries in 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.
- **Tester:** 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 (SLM, SPM, barcode reader, etc.) via its dedicated module socket (SMC: Smart Module Connector).

BRILLIANT FOR CHARGING TRACTION BATTERIES

- Connected charger with adjustable voltage from 6 to 48 V, the GYSFLASH 53.48 CNT maintains **all types of traction batteries** (lead or lithium).
- **2 charging profiles** (among 12 available) and **a configuration** developed by Gys engineers (downloadable from the website) are dedicated to the batteries of forklift trucks, cherry pickers, scrubbers, etc.

A traction battery's charging time depends on its capacity					
	6 h	8 h	10 h	12 h	14 h
Liquid (Ah)	260	360	480	610	790
GEL (Ah)	-	260	330	400	470

AUTOMATIC CHARGE

- Specific charge curve Lead in **8 steps** (9 steps in traction) or Lithium in **9 steps** without supervision.
- «Auto-Detect» and «Auto-Restart» functions automate charging when the battery is connected and during power cuts.
- Recovers deeply discharged batteries >2 V (automatic SOS Recovery).

TECHNOLOGIES & ADVANCED FUNCTIONS

- **FV Flexible Voltage**, the charger operates at a supply voltage of 85-265 V.
- **Checking and calibrating the cables.**
- **Locking**, avoids the risk of improper handling, ideal for garages and exhibition halls.

ULTRA-SECURE

The GYSFLASH 53.48 CNT **protects the vehicle's on-board electronics, guards against tampering** and **prevents the internal electronics from overheating** thanks to its integrated temperature sensor.

ERGONOMIC

- Compact and robust design with cable reel on the front.
- Optional wall mount with sliding system or magnetic (MagnetFix 50).



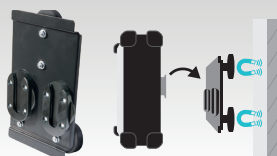
Intuitive interface available in 22 languages



Supplied with:



ACCESSORIES



Optional - compatible cables



V	50/60Hz	⚡	Icharge	Charge	Zz	Ondulation/Ripple	Charging curve	40°C @100%	25°C @100%	kg	mm	SOS recovery	IP	80 A	2.5 m	
6/12/24 V	100-127 V AC	1500 W	50 A	5 < 600 Ah	<0.2 Ah/month	<150 mV Rms	IU ₀ I _U	8 step (Pb) 9 step (Lithium)	28 A	50 A	6.5	340 x 150 x 250	Automatic >2V	IP 30	80 A	2.5 m
	220-240 V AC								41 A	50 A						
36/48 V	100-127 V AC	1500 W	25 A						20 A	26 A						
	220-240 V AC								3200 W	50 A						