

Designed for wall-mounting or installation on lifts, the vertical GYSFLASH 53.24 CNT FV is a high-power 50 A charger with inverter technology. It keeps 6 V, 12 V and 24 V lead-acid or lithium (lithium-ion standard + lithium-iron phosphate) batteries at a perfect stabilised voltage during diagnostic procedures. It also delivers the optimum charging cycle for the maintenance of the most advanced vehicles on the market. With USB connectivity, the device is 100% customisable.

4 OPERATING MODES

- **Charge:** for 6, 12 or 24 V lead-acid or lithium batteries from 10 to 600 Ah.
- **Diagnostic:** supports vehicle batteries up to 50 A during diagnostics in vehicle maintenance facilities.
- **Showroom:** ensures compensation of current when using the electrical resources of a demonstration vehicle. It also optimises the charging process of the battery.
- **Tester:** is used to check the battery voltage, assess the starting system (starter + battery) and evaluate the condition of the vehicle's alternator.

100% CONNECTED

- Add, delete or modify charging modes and profiles via USB.
- Import predefined configuration files, suited to the specific charging application.
- Retrieve charging data and history via USB stick, and analyse it in a spreadsheet.
- Connect additional modules (printer, barcode reader, etc.) via the dedicated module socket (SMC: Smart Module Connector).

IDEAL FOR RECHARGING TRACTION BATTERIES

- A connected charger with adjustable voltage from 6 to 24 V, the GYSFLASH 53.24 CNT maintains all types of traction batteries (lead or lithium).
- 2 charging profiles (from a total of 12 available) and a configuration developed by GYS engineers (downloadable from the website) are specifically designed for the batteries used on forklift trucks, platforms, scrubber-dryers, etc..

Traction battery charging time relative to capacity

	6 h	8 h	10 h	12 h	14 h
Liquid (Ah)	245	340	450	580	750
GEL (Ah)	-	250	315	380	450

AUTOMATIC CHARGING

- Extends the life and performance of Lead (gel, AGM, liquid, calcium, etc.) and Lithium (Lithium-ion «standard» + Lithium-iron Phosphate) batteries.
- Specific **9-step** (Lead) or **9-step** (Lithium) charge curve for unmonitored charging.
- Recovers deeply discharged batteries >2 V (automatic SOS Recovery).

TECHNOLOGIES & ADVANCED FUNCTIONS

- **FV** Flexible Voltage, the charger can operate with a supply voltage between 85 and 265 V.
- **Control and calibration of cables.**
- **Lockable**, prevents any risk of accidental or improper operation, ideal for garages and exhibition centres.

ULTRA-SAFE

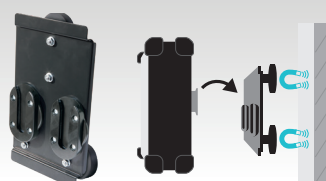
The GYSFLASH 53.24 CNT protects the on-board electronics in the vehicle, prevents operator error, and ensures that the internal electronics do not overheat with an integrated temperature sensor.

ERGONOMIC

- Compact, robust enclosure with front-mounted cable storage and vibration/shock-absorbing feet.
- Wall-mounted with optional magnetic slide system (MagnetFix 50).



ACCESSORIES



MagnetFix 50
029637



Anderson/Clamps	Anderson/NATO	Anderson/Rema 160 A	Anderson/Anderson 175 A	Anderson<->Texas
2.5 m - 16 mm ² 056503	2.5 m - 16 mm ² 026810	5 m - 16 mm ² 069091	5 m - 16 mm ² 069107	0.2 m - 16 mm ² 055902
5 m - 16 mm ² 054615				1 m - 16 mm ² 028791
8 m - 16 mm ² 056572				

V	50 / 60 Hz	Power	Icharge	Charge	Zz	Undulation/Ripple	Charging curve	Step	40°C @100%	25°C @100%	kg	mm	SOS recovery	IP	Ports	Cable				
6/12 V	100-127 V AC	750 W	50 A	10 < 600 Ah	<0.2 Ah/month	<150 mV Rms	IU _o U _o	8 step (Pb) 9 step (Lithium)	27 A	40 A	5.8	335 x 110 x 270	Automatic >2V	IP 21	80 A	5m				
	220-240 V AC	1600							41 A	50 A										
24 V	100-127 V AC	750 W	25 A																22 A	27 A
	220-240 V AC	1600 W	50 A																35 A	44 A