



Filatech Enterprise Pvt. Ltd.

E-Rickshaw Battery Charger (48V, 15A Charger)



Email :
support_ftc@filatech.in

Contact No. :

0124-4064798

**15
MONTH
Warranty**



Long Life



Deep Discharge
Charging Capacity

APPLICATIONS

Rickshaw Lead Acid Battery Charging

E-rickshaw battery charger is specially designed for effective conversion of AC input power to appropriate dc power for 48V DC battery charging.

Compact design along with handle makes an ease to user to carry the product as and when required, which is highly suitable to application

ADVANTAGES

- Micro controller based design enables advanced functionality to meet most requirements & intelligence for self-protective features like cut output power at high temperature.
- Optimally designed for effective space management.

SALIENT FEATURES

- ✓ Wide input range 170V~270V
- ✓ Full power delivery up to 50degC ambient temperature range.
- ✓ LED indication for accurate charging level indication.
- ✓ Various protection (Output over voltage, Over current, Over temperature, Short circuit. Mains low/high-cut off) provided to ensure high reliability.
- ✓ Four stage charging profile (Soft Start, CC/CV, & Float mode) implemented to ensure the lead acid battery charging in appropriate manner.

Document: E-Rickshaw Battery Charger Datasheet (Rev-1.4), Specification is subject to change without notice.

Regd. Office: Unit-19, First Floor, Augusta Point, Golf Course Road, Sector-53, Gurugram, Haryana, India, Pin-122002

Manufacturing Unit: Plot-70 (2nd Floor), Pace City-2, Udyog Vihar, Phase-VI, Sector-37, Gurugram, Haryana, India



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TECHNICAL SPECIFICATION:

Model FCH48V15A

INPUT (AC)

Operational Voltage	230Vrms (170~270) Vrms
Input Current	≤ 7A
Mains Frequency	50Hz (47~53 Hz)
Protection	Input Voltage Protection, Fuse (Internal)
Connection	3 core cable with pluggable connector (L, N, E) at rear side

OUTPUT (DC)

Max. Voltage	65Vdc
Max. Output Current	15A
Output Power	900W (max.)
Protections	Output over voltage protection, Over temperature protection, Over load protection, Short Circuit, Fuse
Connection	2 Core Cable with Pluggable connector (+ve & -ve) at rear
Efficiency	>80% @ Nominal input voltage & full load

USER INTERFACE

Visual Indications	Mains ON -	Amber LED
	Charger ON -	Green LED
Battery Charging Status (25%, 50%, 75%, 100%)		Green LED's
	Fault Indication - µC (microcontroller) status -	Red LED Blue LED

OTHER SPECIFICATIONS

Dimensions (H*W*D)	(95*177*270) mm
Weight	3 KG
Cooling	Force Cooling (Fan)
Operating Temperature	0°C ~ 50°C
Storage Temperature	-10°C~60°C
Humidity	9~90%RH Non-Condensing



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