

48W Adaptor Charger



ETC-48-12-4-ADA



➤ Features:

- Charges Battery 4A continuous current.
- Suitable for Lead Acid, Li-Ion and LFP batteries from 7AH to 50AH
- It can charge Deep Discharge Battery
- Operates in CV/CC mode.
- Battery charging and full indication through dual colour LED.
- Added input surge protection up to 3KV for more reliability.
- Warranty can be provided.
- Auto Cut-Off when battery is fully charged.
- Protection against Short Circuit, Input Under Voltage Protection, Input Over Voltage Protection, Overload Protection and Over Temperature Protection.
- High Power factor (Above 0.95)

➤ Applications:

- Agriculture Spray pump Battery charger.
- Lead Acid/ Li-ION / LFP Battery Charger.
- UPS & Invertor and car battery

➤ Description:

ETC-48-ADA is a Single Output 48W AC/DC SMPS type Battery Charger. This Battery Charger is compatible with Lead Acid, Li-Ion and LFP Batteries. The Charger has various protections for Short-Circuit, Over-Load, Over-Voltage, Over-Current and Over-Temp. It operates over a Wide Temperature Range under free Air convection.

Ergen Technovation Private Limited

CIN : U34300PN2022PTC210839 | GSTN : 27AAHCE0164H1ZS

Corporate Office : Sr.No.143, Opp. Greenfield Hotel, Sinhagad Road, Vadgaon Dhayari, Pune – 411041.

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➤ Specifications:

	MODEL	ETC-48-12-4-ADA
	CHARGING VOLTAGE RANGE	8.5V ~ 16.5V
	OUTPUT CURRENT	0 – 2.7A
	RATED POWER	48 W
	RECOMMENDED BATTERY CAPACITY (AMP HOURS)	7 ~ 50AH
	LEAKAGE CURRENT FROM BATTERY	<1mA
INPUT	INPUT VOLTAGE RANGE	150 ~ 270 VAC
	FREQUENCY RANGE	47 ~ 63Hz
	EFFICIENCY	UP TO 80%
	AC CURRENT	0.2A/150VAC ~ 0.1/230VAC
PROTECTION	SHORT CIRCUIT	Protection type: Shut down output voltage
	OVER VOLTAGE	Protection type: Fold Back to give min. power
	OVER TEMPERATURE	Shut down. O/P voltage, recovers automatically after temperature goes down
ENVIRONMENT	WORKING TEMPERATURE	0 ~ +55 °C
	WORKING HUMIDITY	20 ~ 95% RH non-condensing
	STORAGE TEMP., HUMIDITY	-40 ~ +85°C, 10 ~ 95% RH non-condensing
	TEMP. COEFFICIENT	±0.05% / °C (0 ~ 50°C)

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