

## 20W Adaptor Charger

**ETC-20-12-1.7-ADA**



### ➤ Features:

- Charges Battery @1.7A continuous current.
- Suitable for all Lead Acid Batteries from 7AH to 45AH
- 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.
- Battery charging and full charge indications are available.

### ➤ Applications:

- Agriculture Spray pump Battery charger.
- Lead Acid Battery Charger
- UPS & Invertor and Car battery charger.

### ➤ Description:

ETC-20-ADA is a Single Output 20W AC/DC SMPS type Battery Charger. This Battery Charger is compatible with Lead Acid 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:**

|                    | <b>MODEL</b>                             | <b>ETC-20-12-1.7-ADA</b>   |
|--------------------|--|--|
|                    | CHARGING VOLTAGE RANGE                   | 8.5V ~ 14.5V   |
|                    | OUTPUT CURRENT                           | 0 – 1.7A   |
|                    | RATED POWER                              | 20 W   |
|                    | RECOMMENDED BATTERY CAPACITY (AMP HOURS) | 7 ~ 45AH   |
|                    | LEAKAGE CURRENT FROM BATTERY             | <1mA   |
| <b>INPUT</b>       | INPUT VOLTAGE RANGE                      | 150 ~ 270 VAC  |
|                    | FREQUENCY RANGE                          | 47 ~ 63Hz  |
|                    | EFFICIENCY                               | UP TO 80%  |
|                    | AC CURRENT                               | 0.067A/150VAC ~ 0.03/230VAC  |
| <b>PROTECTION</b>  | 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 |
| <b>ENVIRONMENT</b> | 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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