

## Features

1. High AC Input (174-246 V ~)
2. High Efficiency and Reliability
3. Output Protections:
  - 3.1 Surge Current Protection
  - 3.2 Over Voltage Protection
  - 3.3 Over Load Protection
  - 3.4 Over Power Protection
4. Warranted for 12 months from the date of supply.



## Specifications

### Input

1. Voltage Range: 176 to 264 V (~)
2. Frequency Range: 47Hz to 63 Hz
3. AC Current(max): 4A
4. Inrush Current (Typ): 50A@220Vac

### Protection

1. Over Power : 105% to 150% of rated output power, auto recovery.
2. Over Current: 105% to 150% of rated output power, auto recovery.
3. Over Voltage : 105% to 150% of rated output power, auto recovery.

### Output

1. DC output : 12 -24 V
2. Rated Current: 10A
3. Current Range (**Ref Technical Note 'A'**): 0 to 10 A
4. Ripple and Noise (**Ref Technical Note 'B'**) : <240 mV
5. Voltage Accuracy: 1 % (+/-)
6. Line Regulation : 0.5% (+/-)
7. Load Regulation: 1% (+/-)
8. Setup time: < 2.0 secs (220 Vac Input, Full load)
9. Hold up time: > 10mS (220 Vac input, Full load)

### Technical Notes:

- A. All parameters NOT specially mentioned are measured at rated input, rated load and 25°C of ambient temperature.
- B. Measured at 20MHz of bandwidth by using a 12" twisted pair-wire terminated with a 0.1 uF & 10uF parallel capacitor. Subject to change without prior notice due to design changes.

This document is provided for information purposes only and the contents are subject to change without notice.

- C. The Charger Unit is considered a component which will be installed into final equipment. The equipment must be re-confirmed that it still meets local and international safety regulations as per client requirements