

# 48V15A ELECTRIC 3-WHEELER



| Parameter                             | 48V System                                    |
|---------------------------------------|---|
| <b>Input Characteristics</b>          |   |
| Input Voltage                         | 170 - 300VAC                                  |
| Input Current                         | <6.2A   |
| Inrush Current                        | <40A  |
| Frequency                             | 47 - 53HZ                                     |
| <b>Output Characteristics</b>         |   |
| Output Voltage Range                  | 35V - 60V                                     |
| Output Current                        | 15A   |
| Efficiency                            | >85%  |
| Ripple                                | <1%   |
| <b>Protections</b>                    |   |
| Over Current Protection               | ✓   |
| Over Voltage Protection               | ✓   |
| Under Voltage Protection              | ✓   |
| Over Temperature Protection           | ✓   |
| Battery Reverse Connection Protection | ✓   |
| Output Short Circuit Protection       | ✓   |
| Safety Timer Protection               | ✓   |
| <b>Environmental</b>                  |   |
| Operating Temperature                 | 0°C - 50°C                                    |
| Humidity                              | 95RH ± 5%                                     |
| <b>Mechanical</b>                     |   |
| Enclosure                             | Aluminium                                     |
| Dimensions                            | L=215mm, W=122MM, H=75mm                      |
| Weight                                | ~ 2.2Kilograms                                |
| AC Input Connector                    | 1.5 Meter length, 3 Core with 3 Pin Plug      |
| DC Output Connector                   | 1.5 Meter length, 2 Core with SB-50 Connector |
| <b>Charging Indications</b>           |   |
| Mains on                              | Red LED                                       |
| During Charging                       | Green LEDs Blinking                           |
| Charge Complete                       | Green LEDs Constant                           |