

# 48V10A ELECTRIC 2-WHEELER



Parameter	48V System
<b>Input Characteristics</b>	
Input Voltage	170 - 300VAC
Input Current	<4.2A
Inrush Current	<40A
Frequency	47 - 53HZ
<b>Output Characteristics</b>	
Output Voltage Range	35V - 60V
Output Current	10A
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=200mm, W=122MM, H=66mm
Weight	~ 1.5Kilograms
AC Input Connector	1.5 Meter length, 3 Core with 3 Pin Plug
DC Output Connector	1.5 Meter length, 2 Core with EMO-40 Connector
<b>Charging Indications</b>	
Mains on	Red LED
During Charging	Green LEDs Blinking
Charge Complete	Green LEDs Constant