广东奥博特实业有限公司
Guangdong ABT Industrial Co.,Ltd
地址:深圳市龙岗区坪地街道坪西社区吉利路2号
ADD:No. 2, Jili Road, Pingxi Community, Pingdi Street, Longgang District, Shenzhen City CHINA
网址:http://www.itxpower.net http://www.fonida.com
电话 : 0755-28513310 传真 : 0755-28703310 E-mail : sales@itxpower.net

500W Li-Ion/Polymer Battery Charger

Features Overview

1. The charger integrates power factor correction (PFC), it can avoid the impact of high current and can't produce pollution on the grid
2. The charger is designed with a wide input voltage range from 90-265 VAC making it an ideal choice for any worldwide application
3. Efficiency > 87% , Power Factor > 0.97
4. With MCU controller, CC+CV, cut-off when finished charging
5. Designed for 24V~48V power Li-ion/Polymer battery pack Protection

1. The charger's internal relay makes the output voltage is less than 5.5V with no-load, when the output is connected to a battery, the output voltage of charger is normal
2. Short circuit protection: when the output of charger is shorted , the charger will close output automatically without any damage
3. Reverse polarity protection: when the output is connected to a battery reversely , the charger will close output automatically without any damage
4. Overheating protection: the internal temperature exceeds 80 ℃, the charger will close output automatically

Technical Specifications

AC Input					
Input Voltage Range	90～265VAC				
Nominal Input Voltage	120 VAC / 230 VAC RMS				
Input Frequency	45 - 65 Hz				
Input Current	5Arms @ 120 VAC or 3A rms @ 230 VAC				
Power Factor	0.99 @ 120 VAC / 0.98 @ 230 VAC				
Charger type	Li-ion/Polymer battery-pack charger				
DC Output	L500-24	L500-36	L500-48	L500-60	L500-72
Output Voltage (no battery)	<4V	<4V	<5V	<5V	<5V
Charging end condition	<0.6A	<0.4A	<0.4A	<0.3A	<0.3A
Bulk Charging Voltage Limit	29V	42V	56V	70V	84V
Charging Current	14A	11A	8A	6.5A	5.5A
LED Indicator	Power LED Red: power on Charging LED Off: no battery Red: charging Green: finished Red flashing: errors				
Efficiency	>87%				
Environment					
Operating Temperature	-10～40°C				
Operating Humidity	<90%				
Storage Temperature	-40～70°C				
Storage Humidity	<95% (non-condensing)				
Cooling	Fan cooling				
Safety					
Max Temperature rising	<20°C (on casing)				
Safety Standard	Meet EN60335/EN61000				
Hi-Pot Insulation	i/p to o/p: 1500AC (1 min.) (For final unit, cut-off current =10mA)				
Mechanical					
Weight	1.2Kg				
Dimensions （L×W×H）	223×126×71mm				
Input/Output Cord	Defined by user				