

Descriptions

Powerland's 1000W Li-Ion battery charger are designed with ultra high efficiency, as well as full plastic case enclosure with fan. The extraordinary performances of low power dissipation and water proof provide the charger high reliability and super long life time. This charger offers solid and safe power conversions for applications such as e-vehicles, e-bikes, e-motorcycles, e-boat, e-machines, etc.



Features

- Input Voltage: 180~264Vac
- Output Power: 1000W
- Ultra High Reliability
- High Efficiency: Up to 93%
- Ultra High Power Factor
- All-Around Protections: AC BROWN-OUT, DC
- UVP&OVP&SCP&RPP ,OTP
- IP55 Ingress Grade
- CAN Communication
- Meet GB17761-2018

Models

Model Number	Output Power	Output Voltage	Output Current	Output Current Range
PLD1000-2EVCM01-50	1000W	20~50.3V	10A	3~10A

Electrical Specifications

Model	PLD1000-2EVCM01-50
Output Voltage	20~50.3V
Output Current	10A
Max. Output Voltage	50.3V
Current Accuracy	± 3%
Voltage Accuracy	± 0.1V
Output Power	1000W
Input Voltage	90~264Vac
Input Frequency	47~63Hz
Max. Input Current	5.0A@230Vac
Max. Input Power	1086W
Power Factor	0.99
Efficiency	92%
Communication	CAN
Protections	OVP, SCP, OTP, Anti-Reverse Protection
Ingress Protection	IP65
Working Temperature	-10~45°C
Cooling	Fan Cooling
Max. Case Temperature	70°C
Surge Protection	Line to Line 2kV; Line to Earth 3kV
Isolation	Primary to Secondary: 3000Vac/10mA max./60s Primary to Earth: 1500Vac/10mA max./60s Secondary to Earth: 500Vac/10mA max./60s
Dimensions (LxWxH)	230*145*69.5mm
Weight	3.5kg

* Unless otherwise noted, the data are based on 25°C ambient temperature, 230Vac input voltage and full load.