

Descriptions

Powerland's 750W/30V multifunction Lead-Acid battery charger is designed with built-in intelligent control and circuit designs, providing performances of high power density, high reliability, and high efficiency. The module is designed with perfect thermal management, anti-shock technique, and long life time. This charger offers solid and safe power conversions for multiple fields such as e-vehicles, e-bikes, e-motorcycles, e-boat, e-balance car, e-tools applications.

Features

- Universal AC Input / Full Range
- Input Voltage: 90~264Vac
- Output Power:750W
- Ultra High Reliability
- High Efficiency: Up to 94%
- Over Voltage Protection
- Short Circuit Protection
- Over Temperature Protection
- Fully Potted to Ensure High Reliability in Rugged Environments
- CAN Communication
- IP65 Ingress Grade



Models

Model Number	Output Power	Output Voltage	Output Current Range
PLD750-14CH11	750W	22~30V	5~25A

Electrical Specifications

Model	PLD750-14CH11
Output Voltage	22~30V
Output Current	5~25A
Max. Output Voltage	30V
Current Accuracy	5%
Voltage Accuracy	1%
Output Power	750W
Input Voltage	90~264Vac
Input Frequency	47~63Hz
Max. Input Current	8A@110V, 5A@240V
Max. Input Power	800W
Efficiency	92%@110V, 94%@240V
Communication	NA
Protections	UVP/OVP/SCP/OTP
Ingress Protection	IP65
Working Temperature	-30~80°C
Storage Temperature	-40~85°C
Cooling	Free air cooling
Surge Protection	DM: $\pm 2KV$, CM: $\pm 4KV$
Isolation	Primary to Secondary: 3000Vac/10mA max./60s
Dimensions (LxWxH)	310x140x43mm

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