Lithionics Battery®

Charger Technical Information

Model #: PFC2500

LxWxH: 13.9”L x 7.7”W x 5.5”H
Weight: 16lbs

PFC2500 Charger Technical Specifications	
AC Input Voltage Range	90-260VAC
AC Input Voltage Nominal	120VAC / 230VAC
AC Input Frequency	45-65Hz
AC Power Factor	> 0.98
DC Output Voltage Nominal	48V-288V
DC Output Wattage	Max 2500W
DC Voltage Accuracy	≤ 0.5%
DC Current Accuracy	≤ 2%
Conversion Efficiency	> 92%
Operating Temperature	-30C to +50C
Storage Temperature	-40C to +85C
Environmental Rating	IP 44

FEATURES:

- ✓ Advanced high frequency switching power supply technology
- ✓ Fully sealed enclosure provides improved reliability in demanding environments
- ✓ 90-260VAC input range, 45-65 Hz
- ✓ > 0.98 Power Factor minimizes utility surcharges and maximizes use of AC power
- ✓ Internal processor-controlled advanced charging algorithm management
- ✓ HVC charger interlock connection to NeverDie® Battery Management System
- ✓ LED indication: charging stage & error reporting
- ✓ Short circuit, low & high voltage, & over temperature protection
- ✓ Efficiency >92%
- ✓ 100% Quality Tested
- ✓ Aluminum housing with integrated heat sinks

PARTS INCLUDED:

- 110VAC Cord/Plug
- Charger-to-BMS HVC Interlock Cable
- Mating Anderson DC Connector

OPTIONAL ACCESSORIES:

- DC Charger Harness
- Remote LED Status Indicator