

Opportunity Charger **48-750** P48-750R25



Key Features

- For 24 Cell, 48V batteries
- 25A/100Ah start rate
- Maximum current 188A
- High Frequency MOSFET Technology
- High Power Factor and efficiency
- Supports Battery Feedback Device, enabling 'Smart Charging'
- Light Weight and Compact Design

INPUT CHARACTERISTICS

Input voltage	480 VAC, 3 Phase
Input frequency	50 – 60 Hz
Input current	Max amp draw 15, 20 amp breaker required
Power Factor	0.94

OUTPUT CHARACTERISTICS

Number of charging ports	One
Nominal battery voltage	48V
Output cable size	2/0
Output current range	2 – 188A
Maximum output power	188A
Start rate	25A/100Ah, can be changed through optional BFD
Protections (auto-recovery)	Output short circuit and output overvoltage
Output fuse rating	225A

OTHER CHARACTERISTICS

Power Conversion Technology	High Frequency MOSFET Switching Technology
Efficiency	92%
Indicators	Equalizing, Charge complete, Charging, Fault
Charger configuration	Through keypad or data port
Data port	USB 2.0, Type B connector
Front panel display	Default display of battery SOC, battery temperature, battery voltage, charge duration and charging current
Data logging (with optional BFD)	Battery temperature, state-of-charge, equalizing and water level monitoring.
Optional accessories	Wireless Battery Feedback Device (BFD) Emergency Stop Peripheral Driver Board (stack lights, watering valves, external fans) Wall mounting brackets UL1564, CUL, RoHS
Regulatory Compliance	

PHYSICAL AND ENVIRONMENTAL CHARACTERISTICS

Dimensions (d x w x h)	12" x 20" x 28"
Weight	100 lbs
Enclosure	NEMA 1 rated, stackable (up to 3)
Operating temperature range	-25°C to +45°C
Storage temperature range	-40°C to +65°C
Humidity	5% - 95% RH, non condensing

All specifications subject to change without notice.