

Opportunity Charger **36-1000** P36-1000R25



Key Features

- For 18 Cell, 36V batteries
- 25A/100Ah start rate
- Maximum current 250A
- High Frequency MOSFET Technology
- High Power Factor and efficiency
- Supports Battery Feedback Device, enabling 'Smart Charging'
- Light Weight and Compact Design

INPUT CHARACTERISTICS

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

OUTPUT CHARACTERISTICS

<i>Number of charging ports</i>	One
<i>Nominal battery voltage</i>	36V
<i>Output cable size</i>	3/0
<i>Output current range</i>	2 – 250A
<i>Maximum output power</i>	250A
<i>Start rate</i>	25A/100Ah, can be changed through optional BFD
<i>Protections (auto-recovery)</i>	Output short circuit and output overvoltage
<i>Output fuse rating</i>	300A

OTHER CHARACTERISTICS

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

PHYSICAL AND ENVIRONMENTAL CHARACTERISTICS

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

All specifications subject to change without notice.