



Industrial Battery Charger

| Key Features | Benefits |
|--|--|
| Fully sealed enclosure | <ul style="list-style-type: none"> ◆ Protected against high vibration, extreme temperatures and water, chemical and dust ingress ◆ Installable on- or off-board in any orientation |
| Customizable for specific OEM applications | <ul style="list-style-type: none"> ◆ Designed for on- or off-board usage ◆ Tailored charge profiles and cabling |
| Optional AC input voltage , high efficiency and unity power factor | <ul style="list-style-type: none"> ◆ Operates on any single-phase grid worldwide ◆ Meets CEC energy efficiency standards ◆ Reduced electricity costs |
| Customized charging curves for all popular industrial battery brands and types | <ul style="list-style-type: none"> ◆ Extend battery life and minimize charge times ◆ Auto-recharge for low voltage / storage ensures equipment is ready for use |
| CAN bus and Modbus communication | <ul style="list-style-type: none"> ◆ Integrate charger with battery management system and vehicle / machine electronics |

HF/PFC Specifications

| DC Output | 12VDC | 24 VDC | 36 VDC | 48 VDC |
|---|--|--------|--------|--------|
| Nominal DC output voltage | 12V | 24 V | 36 V | 48 V |
| Maximum DC output voltage | 24V | 36 V | 54 V | 72 V |
| Maximum DC output current | 15A | 25 A | 17 A | 13 A |
| Maximum DC output power | 180W | 650 W | 650 W | 720 W |
| Deep discharge recovery (minimum voltage) | 0.6V | 1.2 V | 1.8 V | 2.4 V |
| Maximum interlock current | 0.5A | 0.5 A | 0.5 A | 0.5 A |
| Battery type | Lead acid (Flooded / AGM / GEL), Lithium | | | |
| Reverse polarity | Electronic protection with auto-reset | | | |
| Short circuit | Electronic current limit | | | |

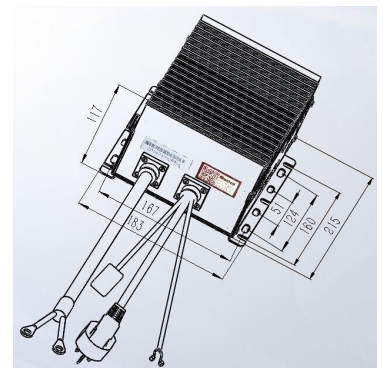


Features

- ◆ Multi-color LED indicator for AC source, battery status (<80% / >80% / completion), charging, alarm, fault
- ◆ Numeric display for alarm / fault codes
- ◆ OEM customizable, field replaceable cable design

| AC Input | | |
|----------------------------|-----------------|-----------------|
| AC input voltage range | 85-270 VAC | |
| Nominal AC input voltage | 110V/230 VAC | |
| Nominal AC input frequency | 50 / 60 Hz | |
| Maximum AC input current | 7.5 A | |
| Nominal AC input current | 7.3 A @ 100 VAC | 6.0 A @ 120 VAC |
| | 3.1 A @ 230 VAC | 2.9 A @ 240 VAC |
| Nominal AC power factor | >0.98 @ 120 VAC | >0.97 @ 230 VAC |

Dimensions



| Mechanical | |
|---------------------|---|
| Install Dimensions | 215x 183 x 117 mm (8.5 x 7.2 x 4.5") |
| Net Weight | 3.5kg (7.7 lbs) |
| AC input connector | IEC320 / C14 (requires country-specific cord) |
| DC output connector | M6 threaded fasteners for ring terminals |
| Cooling | Normal operation in any orientation with passive cooling only |
| Mounting holes | Allows for safe installation on shelf, wall or bulkhead |

| Environmental | |
|-----------------------|--|
| Enclosure | IP65 |
| Operating temperature | -40°C to +65°C (-40°F to 149°F) Derated at >40°C (104°F) |
| Storage temperature | -40°C to +85°C (-40°F to 185°F) |

| Service | |
|----------|----------|
| Warranty | 18 month |

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