Industrial Generator Set Accessories

12/24 Volt, 10 Amp
Automatic Multi-Stage Battery Charger

The battery charger is a fully-automatic, high efficiency battery charger that charges batteries rapidly and safely. The battery charger is designed for an industrial environment.

The battery charger is designed for operation with an engine cranking battery.

The battery charger is universal voltage input capable, comes with a standard 120 V/60 Hz AC plug, and charges 12 VDC or 24 VDC battery systems.

Five LED lights indicate power, communication status, temperature compensation status, charge curve, and charger status.

With the optional battery temperature sensor connected, the battery charger can adjust output voltages for optimal charging.

**Standard Features**

- 12 or 24 VDC output
  - Automatic voltage detection
- Automatic multi-stage charging modes
  - Recovery charge
  - Bulk charge
  - Absorption charge
  - Float charge
  - Equalize charge
- Charges the following type batteries:
  - Flooded lead acid (FLA)
  - AGM
  - Gel cell
  - High performance AGM
  - Nickel–cadmium (NiCad)
- 5 LED status indicators
- Durable potted assembly for waterproofing and vibration resistance
- Reverse-polarity protection
- Short-circuit protection
- Electronically limited output current
- Optional temperature compensation (FLA only)
- User adjustable parameters to support optimal manufacturer recommended charge curve.

**Code compliance:**

- UL 1236 Listed
- NFPA 110, Level 1 compatible (when used with Kohler controller and connected to engine harness)
- CSA – C22.2 No. 107.2-01
- FCC - Title 47, Part 15 Class A
- CE
- IBC 2015
- OSHPD

<table>
<thead>
<tr>
<th>DC Output</th>
<th>AC Input</th>
<th>Overall Dimensions</th>
<th>Shipping Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>Volts (Nominal)</td>
<td>Volts (Nominal)</td>
<td>Amps</td>
<td>W x D x H</td>
</tr>
<tr>
<td>12/24</td>
<td>100-260</td>
<td>3.7</td>
<td>253 mm x 152 mm x 74 mm (10.0 in x 6.0 in x 2.9 in)</td>
</tr>
</tbody>
</table>
Specifications

<table>
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<tr>
<th>Specifications</th>
<th>Details</th>
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</thead>
<tbody>
<tr>
<td>AC Input</td>
<td>100–260 VAC</td>
</tr>
<tr>
<td>Frequency Input</td>
<td>50/60 Hz</td>
</tr>
<tr>
<td>DC Output</td>
<td>10 Amps @ 12 VDC or 10 Amps @ 24 VDC (On battery voltage regulation ±1%; current is electronically limited)</td>
</tr>
<tr>
<td>Fuse Protection</td>
<td>15 amps ATC</td>
</tr>
<tr>
<td>Battery Types</td>
<td>Flooded Lead Acid (FLA), AGM, Gel Cell, High Performance AGM, Nickel–Cadmium (NiCad)</td>
</tr>
</tbody>
</table>
| Monitoring                      | Power, Communication, Temperature compensation, Output charger curve and charger status:  
|                                 | ○ Red, ○ Green                                                          |
| Environmental                   | From rain, snow, dust, and dripping water                               |
| Battery Connections             | Lead Length 1.8 m (6 ft.) red and black leads  
|                                 | Battery Connections 9.5 mm (3/8 in.) ring terminals                     |
| AC Power Connections            | Lead Length 1.8 m (6 ft.)                                               
|                                 | Storage Standard US style 3-prong AC plug                              |
| Available Options               | Temperature compensation                                               |

Environmental

- Operating: -20° to 70°C (-4° to 158° F)
- Storage: -40° to 85°C (-40° to 185° F)
- Relative Humidity: 5 to 95% (non-condensing)
- Salt Spray Testing: ASTM B117
- Corrosion Resistant: From battery gases

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