# HB7 Battery Charger

## Standard Features
- IGBT Design for Maximum Reliability
- Very Low Input Harmonics
- Hi / Low Voltage Alarm (Rectifier Failure)
- AC Fail with Indication and Form C Relay
- Automatic Equalize After Discharge
- AC Input Breaker
- DC Output Breaker
- 5" HMI for Display and Entering Controls
- MTBF 150,000 Hours
- Communication: Ether-Net, Profibus, Device Net, Control Net, Modbus TCP/IP

## Input / Output
<table>
<thead>
<tr>
<th>Input Voltage:</th>
<th>120, 240, 208, 480, 600, Custom, 50/60 Hz</th>
</tr>
</thead>
<tbody>
<tr>
<td>Output Voltage:</td>
<td>12, 24, 48, 125, 250, 600, Custom</td>
</tr>
<tr>
<td>Output Amperage:</td>
<td>Up to 2000 Amps</td>
</tr>
</tbody>
</table>

## Specifications
- Regulation: < 0.5% for Input Variation of 10%
- Short Circuit Protection: Electronics SCP
- Enclosure: Nema 1 (Standard)
- Efficiency: > 92%
- Power Factor: > 0.9
- Soft Start: Electronic Soft Start
- Ripple: Better than 1%
- Operation: -10° to 50°C (-40° to 50°C optional)
- Cooling: Forced Air (Vortex cooling optional)
- Cabinet: Wall Mount, Floor Mount
- Cabinet rating: Nema 1 (Nema 4/4x optional)
- Approvals: 

## Warranty
18 months from date of sale.