

**Battery Charger Application Data Sheet**



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<b>Contact:</b>	<b>Date:</b>
<b>Company:</b>	<b>Phone:</b>
<b>Address:</b>	<b>Fax:</b>
	<b>Email:</b>
<b>Quantity:</b>	
<b>Application:</b>	

**Battery Information**

Battery Type: \_\_\_\_\_  
 Nominal Voltage: \_\_\_\_\_  
 Ampere-Hours: \_\_\_\_\_ AH  
 Number of elements per battery: \_\_\_\_\_  
 Number of batteries in string: \_\_\_\_\_

**Input**

Voltage: \_\_\_\_\_ ± \_\_\_\_\_%, \_\_\_\_\_ ph, \_\_\_\_\_ wire  
 Frequency: \_\_\_\_\_ Hz  
 Input Circuit Breaker  
 Input Contactor

**Output**

Voltage: \_\_\_\_\_  
 Nominal Voltage Rating: \_\_\_\_\_  
 Voltage Adjust: ± \_\_\_\_\_%  
 Ripple: \_\_\_\_\_% or \_\_\_\_\_ mV<sub>RMS</sub>  
 Current: \_\_\_\_\_  
 Current Limit Adjust: \_\_\_\_\_ to \_\_\_\_\_  
 Overload: \_\_\_\_\_% for \_\_\_\_\_ minute  
 Dynamic Response: ≤ \_\_\_\_\_%

**Environmental/Mechanical**

Enclosure Type: Nema \_\_\_\_\_  
 Cooling:  Natural  Fan Cooled  
 Ambient Temperature: \_\_\_\_\_°C \_\_\_\_\_°F

**Options**

**Metering**

Output Ammeter  Digital  Analog  
 Output Voltmeter  Digital  Analog

- Switches**  On/Off Switch  
 Float/Equalize Selector Switch  
 Local/Remote Selector Switch
- Indicators**  AC power ON Indicator  
 Float Charge Selected Indicator  
 Equalize Charge Selected Indicator

**Alarm Conditions**

- Rectifier Failure  
 Input AC Failure  
 DC Undervoltage  Alarm  Shutdown  
 DC Overvoltage  Alarm  Shutdown

**Remote Functionality**

Specify: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

**Other Options**

- DC output circuit breaker  
 Equalize Timer 0 to \_\_\_\_\_ hours  
 Battery Eliminator  
 Blocking Diode to block feed-back through the charger during AC power failure, being remotely turned off, charger internal failure, or other shutdown conditions  
 Output Diode for reverse polarity  
 Battery Temperature Compensation  
 Float Level Control Potentiometer  
 Equalize Level Control Potentiometer  
 Parallel and Load Sharing  
 Delayed Start (charge during off-peak hours)

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