

Battery Charger Application Data Sheet



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Contact:	Date:
Company:	Phone:
Address:	Fax:
	Email:
Quantity:	
Application:	

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_{RMS}
 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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