Battery Chargers - Phase Three Modular

Charger Modules “Plug-and-Play” Providing: Reliability & Servicebility in a Wall Mount Case

Phase Three Modular (PTM) Concept
The PTM consists of a case with three power bays, each accommodating a 550 watt charger module which slides and locks in place. If a module fault occurs, a front panel indicator is activated and the system continues operating on the remaining modules.

The system features three stage charging for rapid recharge and optimal battery life.
Go to www.newmartelecom.com/PTM for complete system specifications.

General System Specifications
Input Voltage/Frequency: 90-264 VAC, 47-63 Hz, single phase; derate linearly from 100% output @ 105 VAC to 80% output @ 90 VAC
Power Factor: .96-.99
Efficiency: 85 % typical
Temperature Rating: 0-60°C; derate linearly from 100% output @ 50°C to 80% output @ 60°C
Output Battery Banks: 3
Module Bays: 3
Status Indicators: Output OK, Low Output Voltage, Check System/Module Fault, Battery Hot/Reduced Output, Total Output Current Bar Graph, Output Voltage Test Points
Alarm Contacts: Check System; Output OK/Fail

Options
Temperature Compensation Sensor - Model TCS-12/24: (See pages 18-19 for details)

Battery Chargers - ABC Series

ABC Series
These chargers utilize time tested SCR charging circuitry, individually sensing and regulating each of 2 isolated battery banks, allowing the charger to operate indefinitely, even under no-load conditions without fear of overcharging.

The rugged and reliable ABC charger is employed in hostile environments throughout the world; in mining equipment, emergency service vehicles and rugged off-road applications.

Features
- Total output ammeter
- Dual independently regulated output banks
- Anodized aluminum case
- 115/230 VAC input selector switch
- Auto-reset thermal breaker
- Conformal coating of circuit board

Duty Cycle Ratings: Rated Charging Output 20 min., derate to 50% for continuous output
Operating Temperature: 0-40°C
Float Voltage: 13.4 VDC

Battery Specifications

<table>
<thead>
<tr>
<th>System Model</th>
<th>Max Output Amps</th>
<th>Max Input Amps @ 115/230 VAC</th>
<th>Inches</th>
<th>Centimeters</th>
<th>Weight</th>
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<tr>
<td>PTMS-12-100</td>
<td>100 @ 12 V</td>
<td>9</td>
<td>18</td>
<td>20.9</td>
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<tr>
<td>PTMS-24-67</td>
<td>67 @ 24 V</td>
<td>9</td>
<td>18</td>
<td>20.9</td>
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</tr>
</tbody>
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ABC 12-25

ABC 12-8

* @ Full Load