PSC-12500A-C 12V 0.5A
Sealed Lead Acid Battery Charger
A-C Battery Charger Series

FEATURES
• Universal input voltage range 10VAC - 240VAC
• Automatic, current sensing dual-rate charging for efficient, care-free and safe operation
• LED indicators
• Alligator clip connectors with insulated sleeves

APPROVALS
• ISO9001:2015 – Quality management systems

CHARGER CHARACTERISTICS

<table>
<thead>
<tr>
<th>Voltage (V)</th>
<th>Charge current (A)</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>0A</td>
</tr>
<tr>
<td>10</td>
<td>125mA</td>
</tr>
<tr>
<td>13.3V</td>
<td>500mA</td>
</tr>
<tr>
<td>14.7V</td>
<td>100mA</td>
</tr>
<tr>
<td>Constant</td>
<td></td>
</tr>
<tr>
<td>voltage</td>
<td></td>
</tr>
<tr>
<td>Float</td>
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</tbody>
</table>

Performance Specifications

**Input Specs**
- AC input voltage rating: 100Vac-240Vac
- AC input frequency: 47Hz-63Hz
- AC input current: 0.14A@115Vac/0.1A@230Vac
- AC input power: 13W
- AC static state current: 50mA

**Output Specs**
- Output voltage range: 10-15Vdc
- Output current: 500mA@12Vdc
- Output power: 7.5W
- Bulk charge current rating: 500mA
- Bulk charge voltage rating: 14.7Vdc
- Float charge voltage rating: 13.3Vdc
- Light switching current: 125mA
- Charging capacity range: 2Ah to 5Ah

**General Specs**
- Efficiency: 0.68
- Over load protection: <1A
- Short circuit protection: Yes
- Reversed polarity connectors protection: Yes
- Operating temperature: 0°C-40°C
- Storage temperature: -30°C-85°C
- Net weight: 90g
- Dimensions: 80*50*57mm
- Enclosure: Plastic Case
- Application: Indoor
- Charger type: Wall mounting
- Plug type: Type A (NEMA 1 - 15)

**Safety Specs**
- Withstand voltage (Hi-Pot): 3000Vac ≤ 10mA (60s)
- Insulation resistance: >100MΩ @500Vdc
- Safety standard: ETL
- Compliance: FCC

**LED Indicator Status**
- Green LED on: No load or float charge
- Red LED on: Fast charge

FURTHER INFORMATION
Please refer to our website www.power-sonic.com for a complete range of useful downloads, such as product catalogs, material safety data sheets (MSDS), ISO certification, etc.