**Yu-Power™ Intelligent battery charger**  
**YPC8A12**

### SPECIFICATIONS

<table>
<thead>
<tr>
<th>Specification</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Input Voltage</td>
<td>220-260 VAC</td>
</tr>
<tr>
<td>Input Voltage frequency</td>
<td>50 Hz</td>
</tr>
<tr>
<td>Output Voltage - Absorption</td>
<td>14.4 VDC</td>
</tr>
<tr>
<td>Output Voltage - Float</td>
<td>13.65 VDC</td>
</tr>
<tr>
<td>Output Current</td>
<td>8 A</td>
</tr>
</tbody>
</table>

### DIMENSIONS

<table>
<thead>
<tr>
<th>Dimension</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Length</td>
<td>190 mm</td>
</tr>
<tr>
<td>Width</td>
<td>92 mm</td>
</tr>
<tr>
<td>Height</td>
<td>55 mm</td>
</tr>
<tr>
<td>Mass (typical)</td>
<td>0.86 kg</td>
</tr>
</tbody>
</table>

### Plugs and connectors

- **Input**: Euro with UK adaptor
- **Output**: Torbury type
- **Included adaptors**: YPCCLIP (Torbury to clips)

### Power leads

- **Input**: 1.8 M
- **Output**: 1.2 M
- **Vehicle/trailer to clips**: 0.6 M

### Operating environment

- **Temperature**: 0°C to +40°C
- **Humidity**: 90% non condensing

### Battery

- **Suitable battery capacity range**: 12 to 40 Ah
- **Battery chemistry**: All lead acid types

### FEATURES

- Multi stage and proprtional timed charging management
- Suitable for VRLA, Car and Motorcycle batteries
- High frequency switch mode design
- Multi level charging protection

### CHARGING GRAPH

![Charging Graph](image)

### Installation

Charger is designed for indoor use do not expose to rain

### Battery

- Do not attempt to charge a non lead acid battery with this charger
- Never attempt to charge a damaged or frozen battery or non rechargeable battery

### Gas Release

VRLA Batteries release hydrogen gas which can form explosive mixtures in air. Do not place inside a sealed container

### Recycling

Yu-Power Chargers must be recycled at the end of life in accordance with local and national laws and regulations

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ALL DATA IS SUBJECT TO CHANGE WITHOUT NOTICE  
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Data Sheet