



TP-BC48-900

DATA SHEET

900W Battery Charge Controller

Features

- 48V 900W Total Power
- Over-Voltage, Over-Current, Reverse-Current, Over-Load, Short-Circuit Protections
- Led indicator: Red=Charging, Green=Battery Full/Float Charge
- CE Certification



Applications

- Wireless Base Stations, Cellular Base Stations
- Surveillance Systems
- Battery Backup Systems

Description

The **TP-BC48-900** battery chargers provide up to 900W of total charging power. The battery charger is compatible with GEL/AGM type sealed lead acid batteries.

The charger has various protections for reverse current, short-circuit, over-load, over-voltage, and over-current.

There is an LED which indicates charging (Red) or battery full (Green). The unit comes with a removeable AC cord with a North American Plug. The units are can work from 90VAC to 240VAC (selectable via switch).



Specifications

| TP-BC48-900 | |
|--|---|
| Total Power Available (for Load and Battery charging) | 900W |
| Nominal Battery Voltage | 48VDC |
| Battery Charge Max Current | 15A |
| Battery Charger Voltage | 58.8V |
| Battery Float Voltage | 55.2V |
| Efficiency | >88% |
| DC Output Cable | 2 Wire 14AWG ; 1.2m (48") long cable Brown = V+, Blue = V- |
| AC Input Connector | IEC C14 |
| AC Power Cord | IEC C13 to Nema 5-15P, 1.2m (48") |
| AC Power Input | 120VAC / 240VAC , 50/60Hz |
| Hi-Pot Test | 1500VAC / 10mA / 1min |
| Insulation Resistance | >10MOhm, 500VDC |
| Operating Temperature | -10 to +40C (14 to +104°F) |
| Operating Humidity (RH) | 5% to 90% (non condensing) |
| Storage Temperature | -40 to +70°C (-40 to +158°F) |
| Storage Humidity | 5% to 95% (non-condensing) |
| Standards Compliance | CE, EN60335-1:2002 and EN60335-2-29:2002 |
| MTBF (Mean Time Between Failure) | >50,000 hrs |
| Dimensions (LxWxH) incl mtg flange | 272 x 135 x 70mm (10.7 x 5.3 x 2.75") |
| Weight | 1.95kg (4.3lb) |
| Warranty | 2 Years |



System Ordering:

TP-BC48-900 900W Battery Charger, 58.8V 15A, with US Power Cord*

*Add an "E" suffix for Euro power cord

For further information contact:

Tyconsystems.com

