TYCON Solar®

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 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:

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RoHS compliant

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