DATA SHEET

600W 63V Battery Charger

Features

- **63V 600W 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-BC63-600XT** battery chargers provide up to 600W of total charging power. It is specifically designed to power the PV input of an MPPT charge controller in order to charge 12V to 48V battery arrays. The MPPT charge controller handles the charging parameters of the specific batteries and the TP-BC63 supplies the power.

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-BC63-600XT
Total Power Available (for Load and Battery charging)	600W
Battery Charge Max Current	9A
Battery Charger Voltage	63VDC
Efficiency	>88%
DC Output Cable	2 Wire 14AWG ; 0.6m (35") long DC cable + 0.3m (12") quick disconnect cable. XT60 connectors. 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)	216 x 120 x 76mm (8.5 x 4.75 x 3")
Weight	1.95kg (4.3lb)
Warranty	2 Years

System Ordering:

TP-BC63-600XT   600W Battery Charger, 63V 9A, with US Power Cord*
*Add an "E" suffix for Euro power cord

For further information contact:

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