

Bluetooth Adapter For MPPT

Features

- Provides Connectivity up to 15m range
- Designed for Tycon TP-SC MPPT Charge Controllers
- Employs a dedicated Bluetooth chip with high performance and ultra low power consumption
- Adopts Bluetooth 4.0 and BLE technologies; boasting advantages of quick communication, excellent anti-interference capability, etc.
- No External Power Source Required
- Conformal Coated Electronics for Environmental Protection
- Waterproof, Industrial Temperature Range



Applications

- Tycon TP-SCxxxx-MPPT Solar Charge Controllers
- Remote monitoring and control

Description

The Tycon Solar™ TP-SC-BT1 Bluetooth adapters that connect to the TP-SCxxxx-MPPT solar charge controllers via the RS232 interface on the charge controller. It allows connection to the controllers via a smartphone. This allows a technician to monitor and control the charge controller from a distance of up to 15m. An Android and IOS Mobile app is available to provide the connectivity. There is no external power source required because the Bluetooth Adapter gets its power from the RS232 interface on the solar controller.

They operate over a wide industrial temperature range. Electronics are conformal coated for environmental protection.

The units are fully sealed and weatherproof so they are designed to be mounted outdoors.

Specifications

	TP-SC-BT1
Input Voltage	5V to 12V
Standby Power Consumption	0.04W
Operating Power Consumption	0.05W
Communication Distance	<15m (49')
LED Function	Red Flashing = Data Active ; Off = Standby mode
Serial Baud Rate	9600bps (Fixed)
Communication Mode	RS232
Connector Type	RJ12
Cable Length	5m (16ft)
Environmental Protection	IP67
Certifications	CE, RoHS
Operating Temp	-40°C to 75°C (-40°F to 167°F)
Dimensions	66 x 51 x 15.5mm (2.6 x 2 x 0.6")
Weight	120g (4.2oz)
Warranty	3 years

Mobile Applications

Mobile apps are available for Android and IOS devices. QR codes to receive the apps are as follows. Any mobile device with a barcode reader app should be able to read these codes.



Android App



IOS App

Another way to get the app is to go to the Google Play Store on your mobile device and search for “SolarLink App” for Android or go to the APP Store and search for “Solar App” for IOS devices. The App icon will look like the orange icons in the center of the QR codes above.

If the app asks you for a password use: “135790123”



System Ordering:

TP-SC-BT1 Bluetooth Adapter for TP-SCxxxx-MPPT Solar Charge Controllers

For further information contact:

Tyconsystems.com

