

BT-1 Bluetooth Module

RENOGY Bluetooth Module
for Solar Charge Controllers



 **RENOGY**

Version 1.0

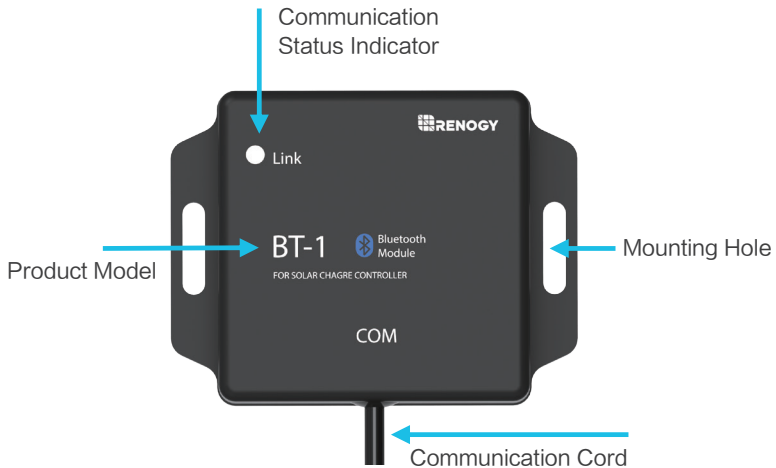
General Information

The Renogy BT-1 is a new generation of Bluetooth module for Renogy solar charge controllers. The BT-1 provides wireless monitoring of the system data and sets up operating parameters through smart phone App.

Key Features

- Wirelessly monitor and control compatible solar charge controllers via Bluetooth
- Connect to user-friendly smartphone app, Renogy BT to keep track of your system
- Embedded exclusive Bluetooth chip with high efficiency and low energy consumption
- With Bluetooth 4.0 and BLE technology, it features fast and uninterrupted communication
- Powered directly through RJ12 communication port
- Signal range is up to 50 ft

Identification of Parts



Operation

■ Connection

Connects the BT-1 Bluetooth module to any Renogy solar charge controller with RJ12 port and RS232 communication protocol.



■ Communication status indicator

	Status	Note
Link Indicator	Flashing(Blue)	Communicating
	Off	Stand by

■ Compatible Models

Compatible Models	All Renogy Controllers with RJ12 port
Communication Protocol	RS232
Port Type	RJ12

Technical Specifications

Description	Parameter
Model	BT-1
Input Voltage	5V -12V
Standby Power Consumption	0.04W
Operating Power Consumption	0.05W
Communication Range	≤ 15m
Serial Baud Rate	Fixed Baud Rate 9600bps
Communication Protocol	RS232
Port Type	RJ12
Cable Length	5.00 m (16.4 ft)
Dimensions	66 x 51 x 15.5mm (2.60 x 2.01 x 0.61in)
Installation Dimensions	57.5, \varnothing 3.2mm (2.26, \varnothing 0.13in)
Operation Temperature	-20°C to 75°C (-4°F to 167°F)
Protection Grade	IP67
Weight	120 g (4.2oz)

To Download App

1. The Android version is available to download from our company website and Google Play Store.

On Renogy website, follow these steps: LEARN—DOWNLOADS—SOFTWARE DOWNLOADS—Renogy BT. You can download the software to your computer, then send it to your Android devices to install.

In Google Play Store, simply search "Renogy BT" to download.

2. For ios version, simply search "Renogy BT" in App store to download.
- The admin password in App is **135790123**

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of this manual without notice.



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