

WD01 WIFI Dongle Quick Guide

Notice:

Please read this manual carefully before using the product. The content of this manual may change due to factors such as product upgrades without further notice. Please use the actual product as standard and get the latest manual from Pytes through any contact methods provided on this manual. Unless otherwise agreed, this manual is for informational purposes only. No representations, information or recommendations in this manual are accepted for any kind of liability. No company or individual may excerpt, reproduce or distribute any part (in part or in whole) of this document in any form without written permission.

1 Device Introduction

1.1 Packing List

 Dimensions: 76.2×68×35mm / 3x2.68x1.38inch RJ45 Communication Port Type C Power Port (4.5~5.5V)	 Antenna SMA Male Connector HV40K	 CAT6 Communication Cable 220mm / 8.66inch	 External power supply cable USB-Type C, 2000mm / 78.74inch
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1.2 Status Light Instructions



Light	Description	Status
A	Dongle to Battery Communication Indicator	1.off: Dongle no power 2. Slow Flicker: Bluetooth initialization 3. on: Normal use 4. Quick Flicker: Capture battery data
B	Dongle to Wireless Network Connection Indicator	1. off: Dongle no power 2. on: Connection success 3. Quick Flicker: Uploading data 4. Slow flicker: Connect to WIFI in process
A and B flicker slowly at the same time: Module preparation		

2 Installation and Registration

2.1 Installation

Connect the WIFI Dongle to RS485 port of battery with a communication cable, RJ45 terminals, standard pin sequence.

- Inverters, i.e. DEYE, SRNE, GROWATT, Voltronic, Magarevo, will not be able to communicate with battery when WIFI Dongle is connected to battery due to occupation of the RS485 port.
- E-Box 48100R released from Dec. 2023 supports powering to dongle through battery RS485 port. An external power source is required to power the WIFI dongle through Type C port of the WIFI Dongle when working with an earlier E-Box 48100R version. Please contact Pytes if you are unsure of your battery version before purchase.

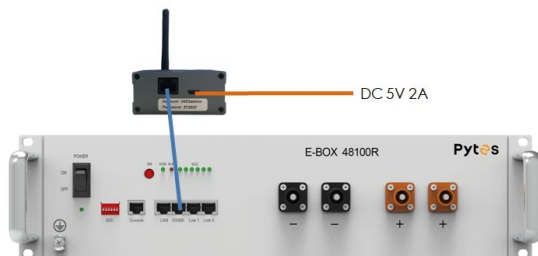


Table 1 WiFi module connection (R-C-MCU-V1.0) powered by External Device



Table 2 WiFi module connection (R-C-MCU-V2.0) powered by battery

2.2 Registration

Scan the QR codes below with your smart phone to install the APP.



iOS

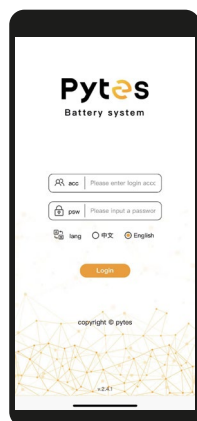


Android

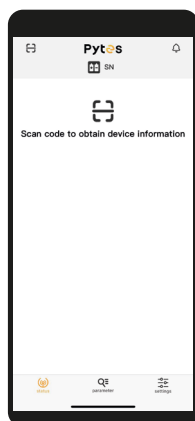
2.3 Network Configuration through APP

Turn on Bluetooth and Wifi function on your smart phone and connect it to a valid 2.4G Wifi. Follow below steps to complete network configuration.

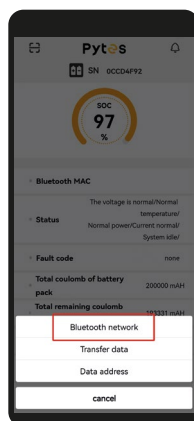
- User name and password are on bottom of Dongle.



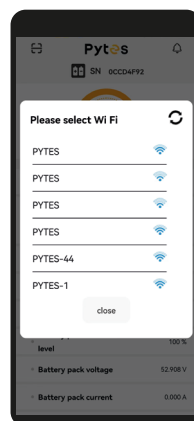
Step 1-Sign in APP



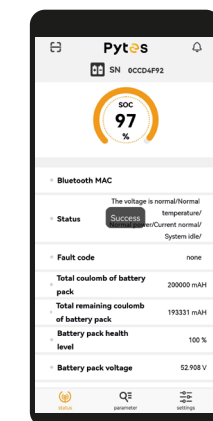
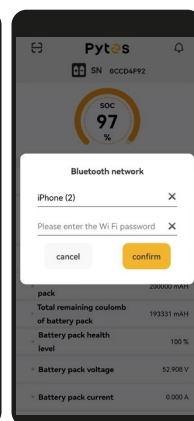
Step 2 – Scan QR code on Dongle



Step 3 – Click Bluetooth Network



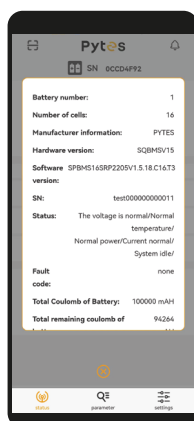
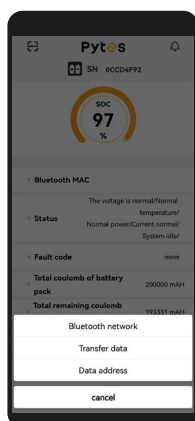
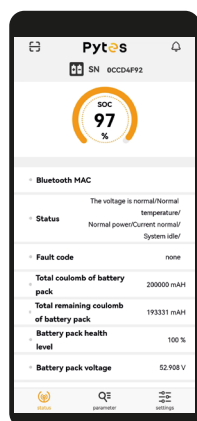
Step 4 – Connect to a valid 2.4G Wifi



Network Configuration Complete!

The bluetooth light on WIFI Dongle will be on, telling network configuration is complete. If the light flickers, please repeat above process.

- Network configuration is required at the initial only thus it will be automatically connected after powering on. Your battery information will be displayed on smart phone after network configuration.



Remarks: Scan Dongle QR code and click Transfer data to update battery information

If you have any technical queries, please contact us and provide the following information:

1. Product model and serial number of WIFI Dongle
2. Product model and serial number of connected battery

Warranty Policy

The WIFI Dongle is warranted to be free from defects in material and workmanship for a period of 1 year.

During the warranty period, we provide free maintenance service to solve all non-artificial quality problems if the product is under normal usage circumstance.

1. Maintenance cost will be charged if the product exceeds warranty period.
2. If the failure of the product is not caused by material or workmanship (such as improper use, improper storage, unauthorized disassembly, etc.), maintenance cost will be charged.
3. Please pay for return route freight in advance. Freight collect is not accepted.

User Name		Customer Name	
Purchase Date		Customer Phone	
Product Name&Model		Product SN	
Customer Address			
Order No.			
Maintenance Records	Date	Failure Cause and Treatment	

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