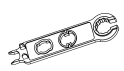
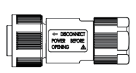
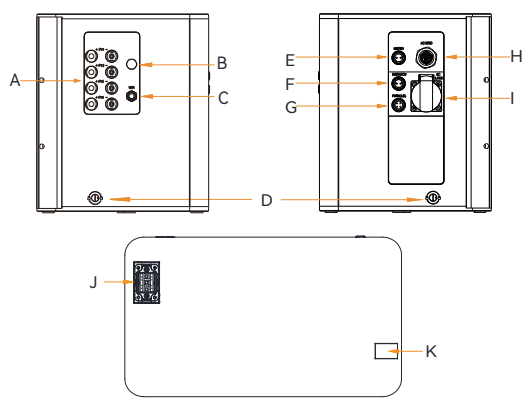
Quick Installation Guide

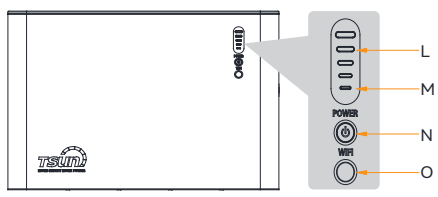
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PACKING LIST

SolarTrunk/PowerTrunk	AC End Cable	DC Cable Disconnect Tool
		 (Not for PowerTrunk)
RS485 Connectors *2	Quick Installation Guide	Warranty Card
		

INTERFACE INTRODUCTION



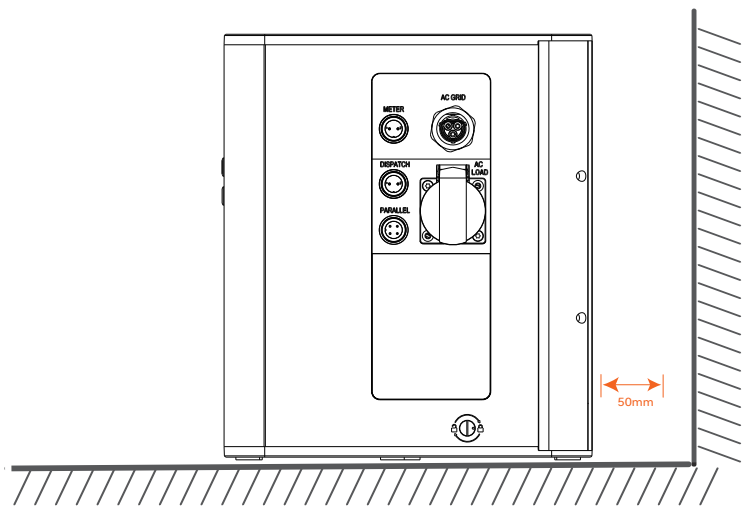


A: PV input
B: Vent Valve
C: WiFi Antenna
D: Latch
E: RS485 Port for Meter
F: RS485 Port for Dispatch
G: RS485 Port for Parallel
H: AC Grid
I: AC Load
J: Battery Port
K: Positioning Pin
L: Battery SOC Indicator
M: Status Indicator
N: Power Button and Indicator
O: WiFi Button and Indicator

*Note: There are no PV input ports on PowerTrunk series.

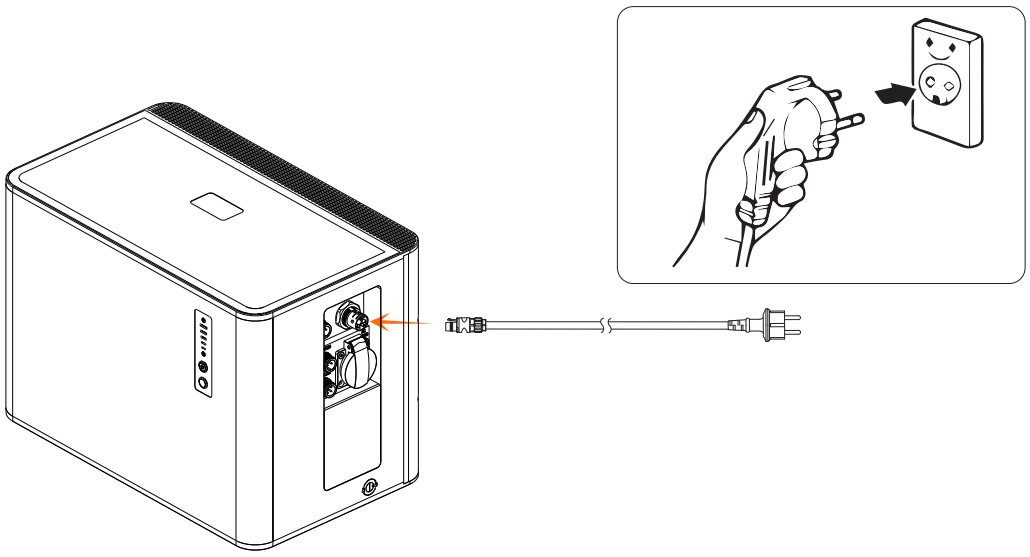
01 SELECT INSTALLATION LOCATION

Choose a proper position to place the SolarTrunk/PowerTrunk, leaving a minimum 50-mm gap between its back and the wall. This ensures good heat dissipation.



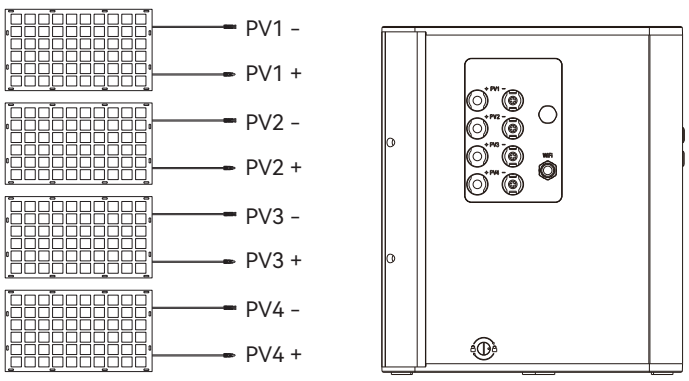
02 CONNET TO AC SOCKET

Connect the AC Grid port to the home socket using the AC end cable.



03 CONNECT TO SOLAR MODULES

Install the solar modules and connect the DC cable to the SolarTrunk.



*Note: For PowerTrunk series, please skip this step.

04 INTRODUCTION OF BUTTONS & INDICATORS

After the wiring is completed, the SolarTrunk/PowerTrunk will start automatically. The operation method of the buttons and the definition of the indicator light are as follows:



Buttons/Indicators	Operations/Status	Function
Power button	Press for 2 seconds	Turn on the battery
	Press for 2 seconds when switched on	Turn off the battery
	Press once when switched on	Switch on and off AC Load
WiFi button	Press for 5 seconds	Reset WiFi
Battery SOC Indicators (Four white LEDs)	Flashing	Charging
	Always on	Current battery capacity
	Cycling on	Upgrading
Status Indicator (bi-colour LED)	Always Green	Working normally
	Always Red	Malfunction/Warning
Power Indicator	Always on	Device is powered on
WiFi Indicator	Flashing	Internet connection abnormal
	Always on	Internet connection normal
	Always off	WiFi is not configured

*Note: If you need to stack Extension Batteries (B2000), please turn the latch on the side of the Solartrunk/ PowerTrunk and Extension Batteries to the locked position after stacking.

HOW TO DISCONNECT WHOLE SYSTEM

1. Disconnect the AC end cable from the socket
2. Press the Power button once to turn off output of AC Load
3. Press and hold the Power button for more than 2 seconds to turn off output of the battery
4. Disconnect solar modules from the unit's PV input ports

   *Note: For PowerTrunk series, please skip this step.

Once the above steps have been completed, the unit will shut down. And if you have stacked extension batteries, be sure to turn the lock on the side of all units to the unlocked position, then you can proceed with disassembly.

User Manual

Declaration of Conformity (DoC)

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APP Quick Use Guide

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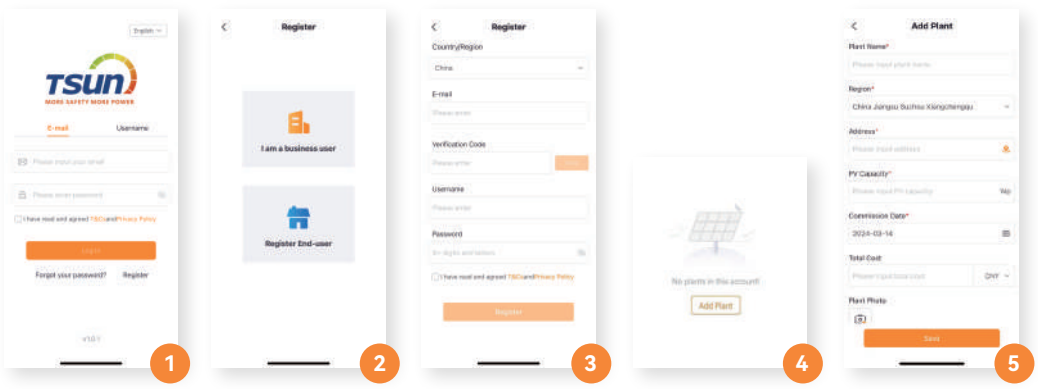
Download on the APP Store

Download “TSUN Smart” and install it on your smart phone.

Before performing this operation, please complete the installation of the SolarTrunk or PowerTrunk.

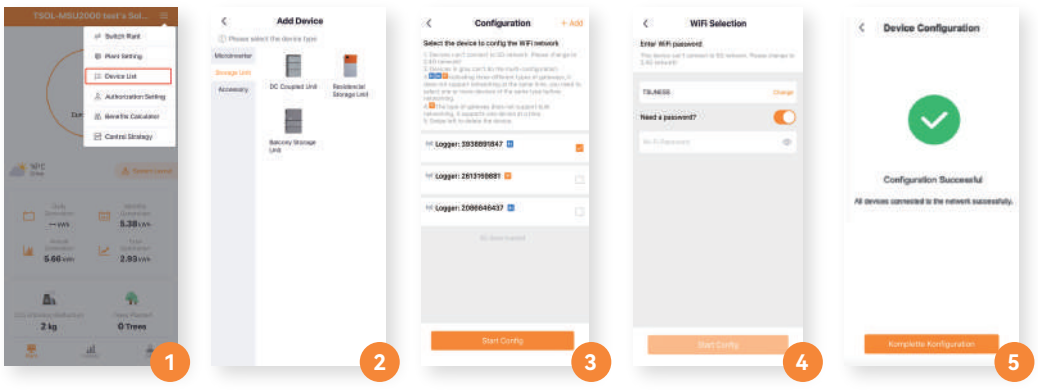
01 ACCOUNT REGISTRATION & PLANT CREATION

1. Click “Register” to create your account
2. Choose “End-user”
3. Fill in all registration details and click “Register”
4. Log in and click “Add Plant”
5. Fill in all plant details and click “Save”



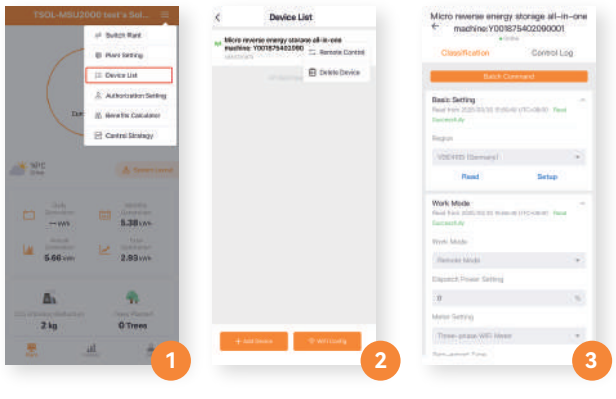
02 ADD DEVICE & CONFIG WIFI NETWORK

1. Click “Device List” on the homepage
2. Click “Add Device” and choose “SolarTrunk/PowerTrunk”, then scan the QR code on the right of the unit
3. Click “WiFi Config” on the device list page, then select the logger and click “Start Config”
4. Select Wi-Fi(2.4GHz) and enter the password
5. After configuration completed, relevant data will be shown in 10 mins



03 SETTINGS & WORK MODE

1. Click “Device List” on the homepage
2. Click “· · ·” beside the serial number and click “Remote Control”
3. Complete the basic setting and work mode settings



04 INTRODUCTION OF SETTINGS

Basic Setting			For end user, select the country or region based on the actual installation location of the unit.
Work Mode Setting	Work Mode	Self-use Mode	For end user: default setting. Electricity first meets the consumption needs of the household. Surplus electricity would be stored in the battery. When the battery is full, surplus electricity would be fed into the public grid.
		---Charging Schedule Enable	Additional charging periods can be set in self-use mode.
		---Back-up Enable	In self-use mode, set the minimum battery capacity for the Ac load to be discharged when the mains is disconnected.
		Dynamic Tariffs Mode	For end user, manually set the charging and discharging periods according to the pre-indicated dynamic electricity price.
		Forced Mode	Not for end user, for professional service and maintenance only.
		Dispatch Mode	Not for end user, for third-party EMS dispatch only.
	Meter Setting		For end user, configure it according to the meter manual.
	Zero-export Type		For end user, configure it to meet the zero-output requirement.
	Phase Search Enable		For end user, locate the unit's phase only when a three-phase meter is used.
	Total Plant Power(Zero Export)		For end user, the default setting is the rated output power.
	Offset value		For end user, it is recommended to set it between-50W and 0W. A negative value allows public grid power consumption, and a positive value allows power feed into the public grid.
Advanced Setting			Not recommended for end user, only for people with advanced knowledge or clear instruction from manufacturer. Set the unit's charging and discharging limits and PV input type.

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