

INSTRUCTION

for connection between

Tower and Solis S6-EH3P10K-H(PRO)



Note

This is an instruction for connection and commissioning between Tower battery and Solis(S6-EH3P10K-H(PRO)). For details of the connection and commissioning, please go to user manual of the battery and the Solis if you cannot find it in this instruction.

This instruction is applicable to upgraded Tower series and normal Tower series.

The upgraded Tower series have new characteristic as under:

1. The mark BDU-2G is on the packaging carton
2. RS232 port is added on the BDU interface and mark CAN/RS485 has replaced previous mark CAN
3. The color of nameplate has been changed from white to light yellow:

DYNESS ENERGY STORAGE SYSTEM					
	T7	T10	T14	T17	T21
Nominal Energy/kWh	7.1	10.7	14.2	17.8	21.3
Nominal Voltage/V	192	288	384	480	576
Nominal Capacity/Ah	37	37	37	37	37
Ambient Temp/°C	0-50	0-50	0-50	0-50	0-50
IP Grade	54	54	54	54	54
Protective Class	I	I	I	I	I

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 DAGIN NEW ENERGY TECH (TAIEN) CO., LTD

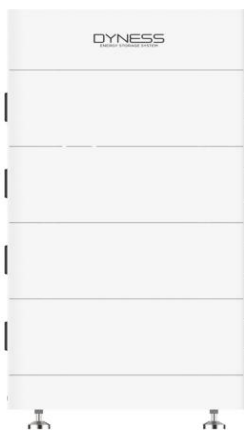


Applicable Product type

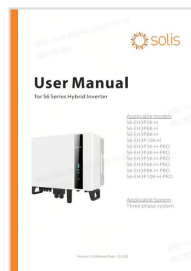
- DyNESS Battery Module Type:
Tower T7 ESS unit/Tower T10 ESS unit/Tower T14 ESS unit/Tower T17 ESS unit
- Solis Inverter Type:
S6-EH3P5K/6K/8K/10K-H(PRO)/ S6-EH1P(3.8-11.4)K-H-US/ RHI-3P5K/6K/8K/10K-HVES-5G/ RHI-1P7.6K-HVES-5G

Installation Steps

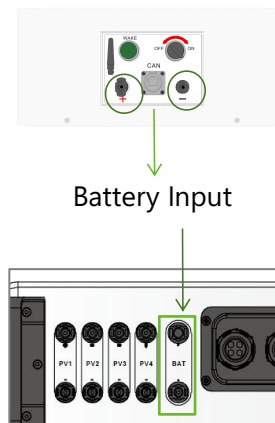
- 1 Install tower as per user manual. Take T14 as an example



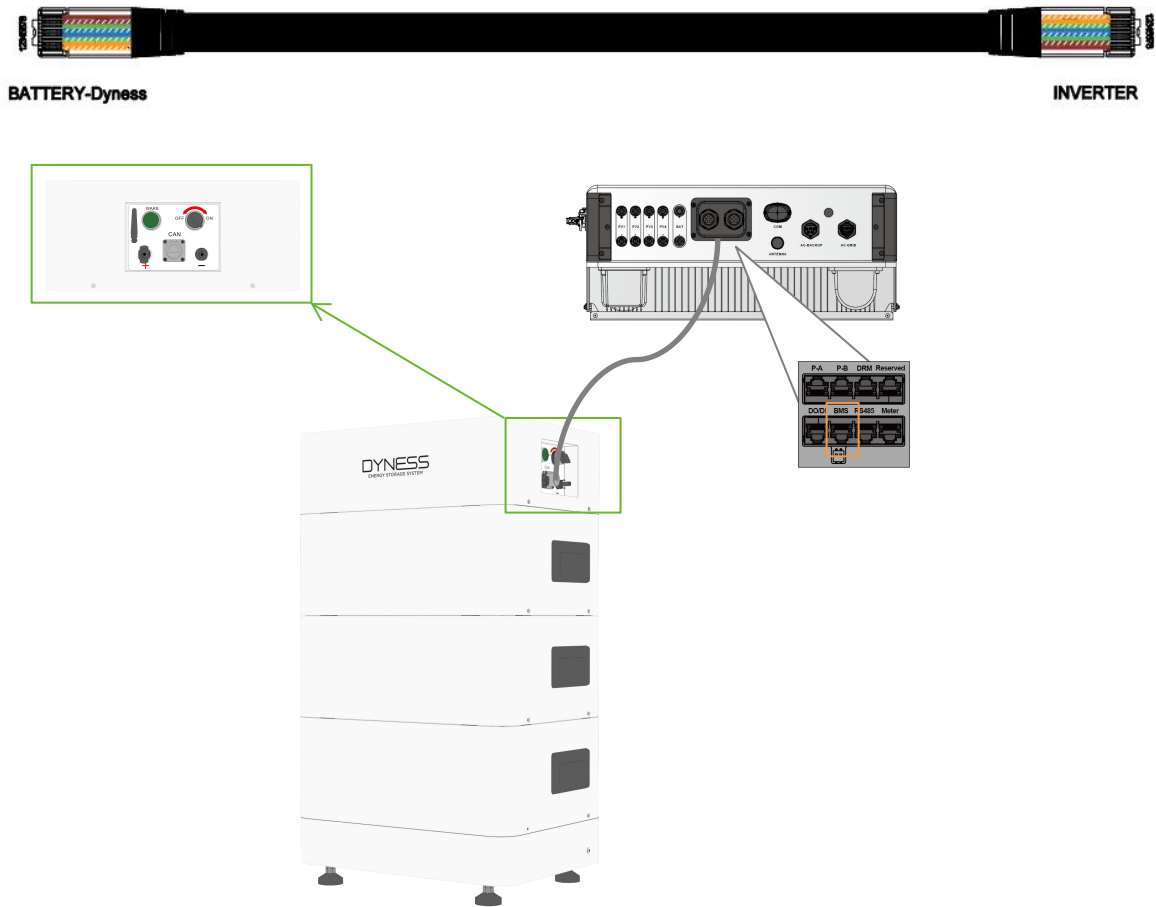
- 2 refer to user manual to connect energy meter, grid, loads, etc. to Solis inverter



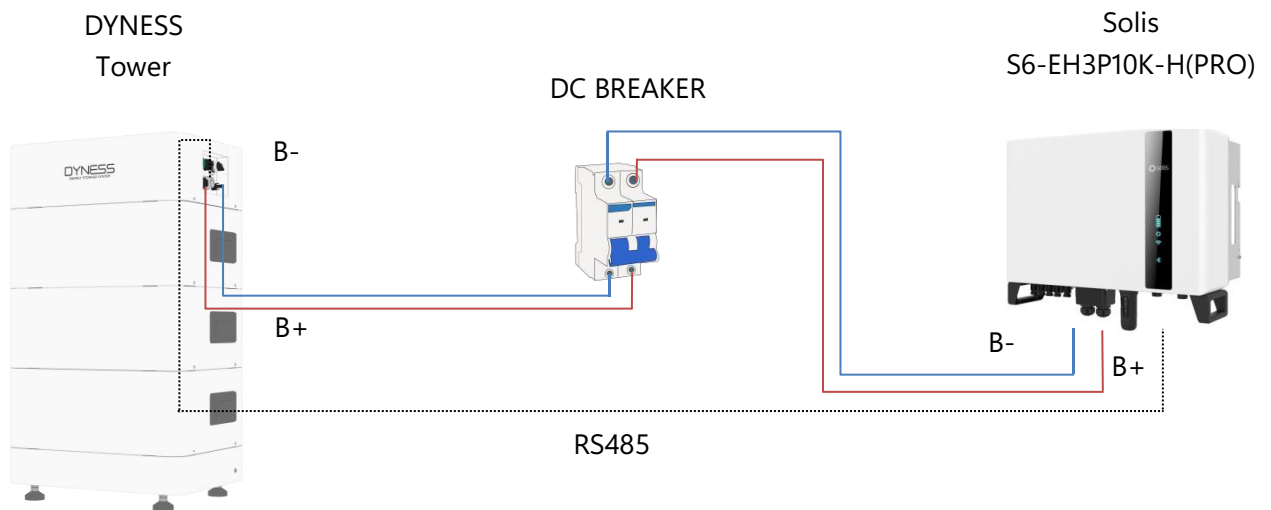
- 3 Connect the battery power cables to inverter.



4 Connect the battery communication cable to inverter



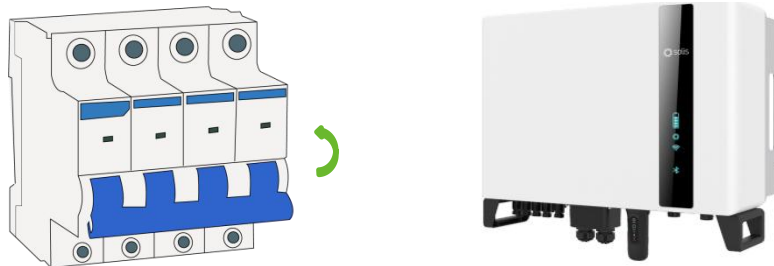
We recommend installing a circuit breaker between Tower and Solis



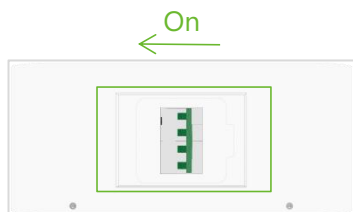
Tower and Solis connection diagram

5 Turn on battery and inverter

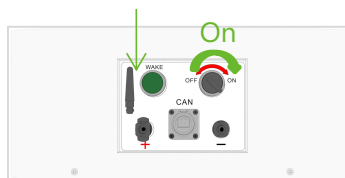
Turn on inverter: turn on circuit breaker of mains power to turn on Solis. Turn on the DC switch to "I" position



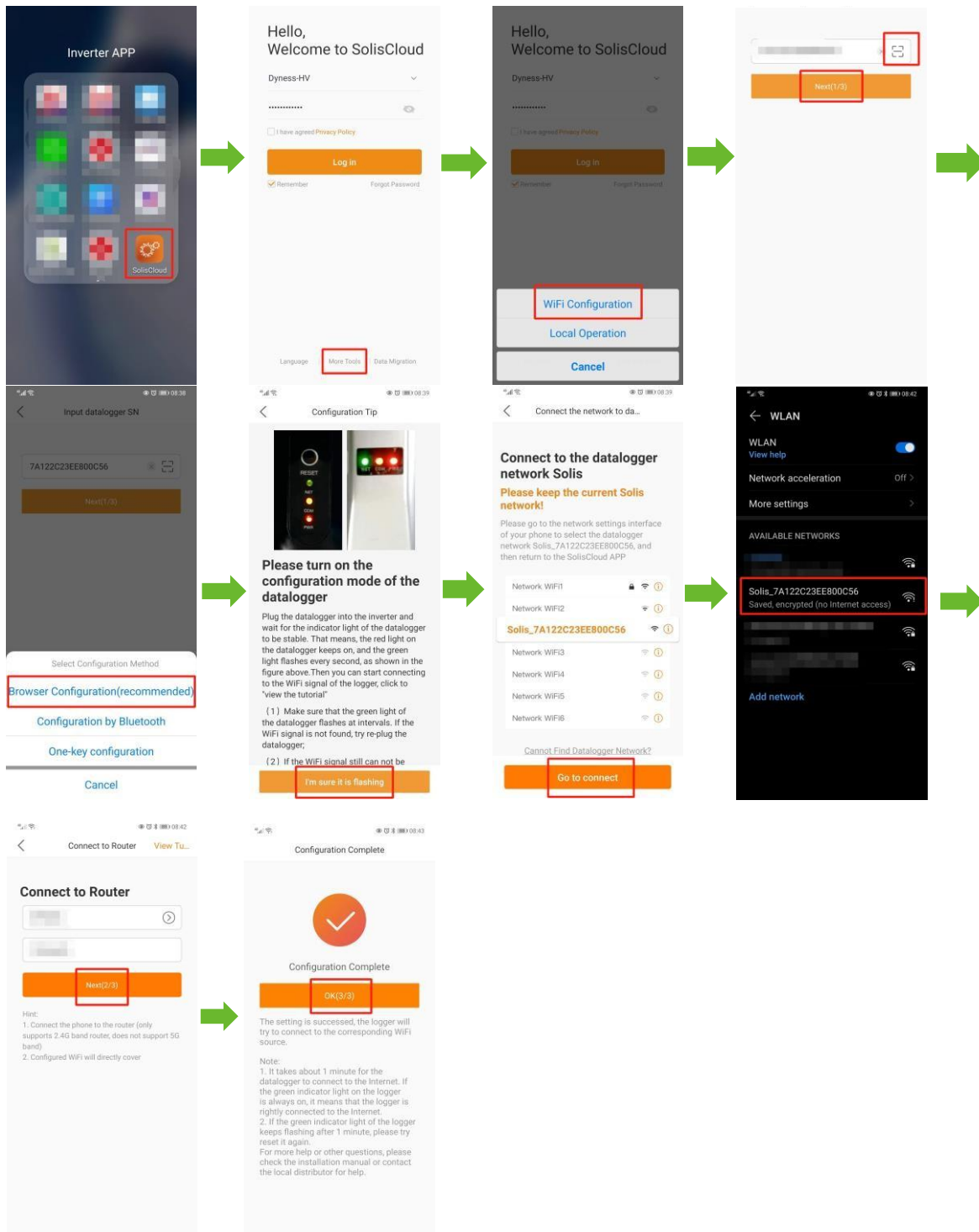
Turn on battery: Turn on the circuit breaker on BDU of tower, turn on the power on switch and press and hold on the "wake" button for 10s



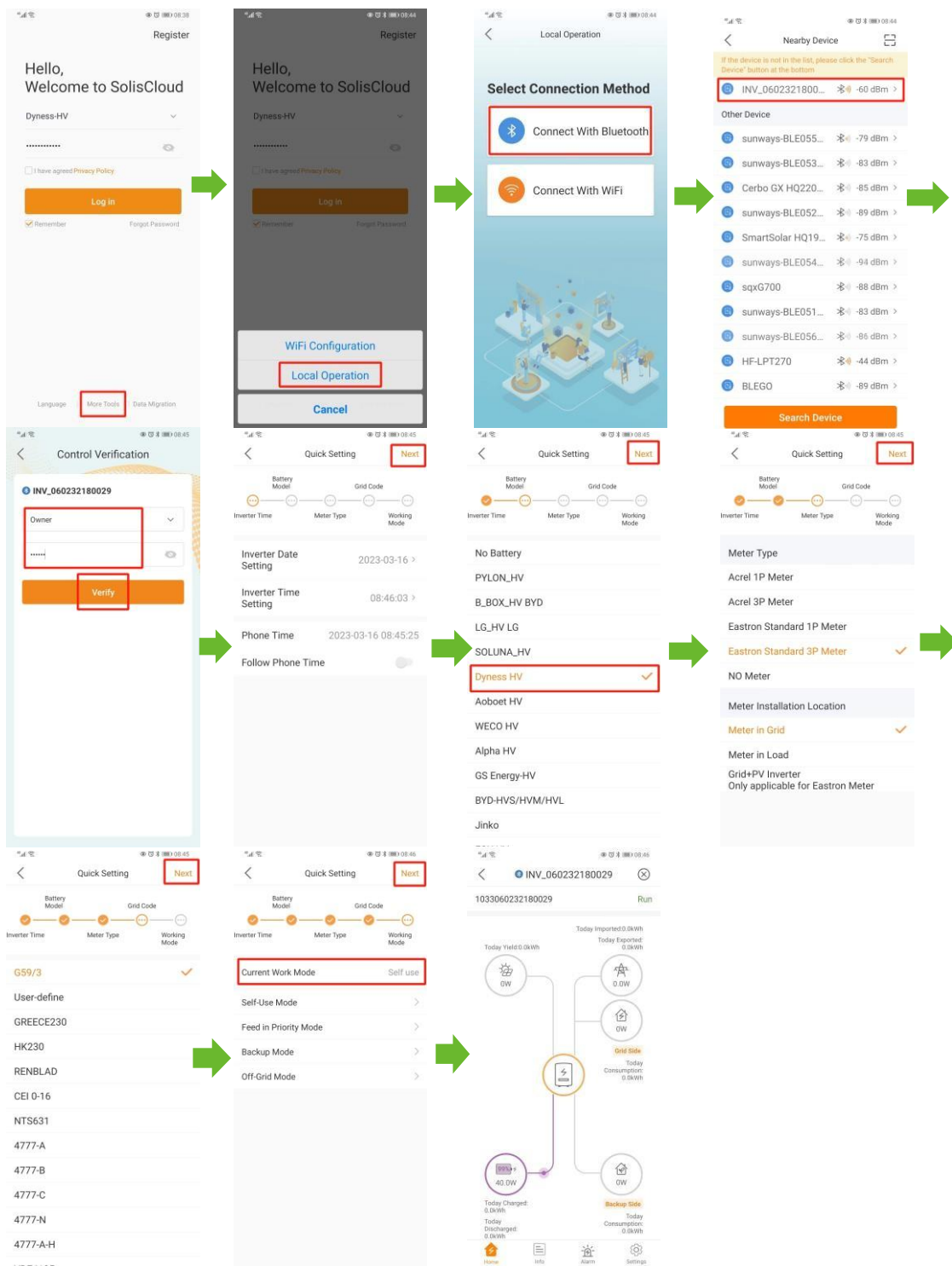
Press and hold on 10secs



6 After the inverter is powered on, log in to the app "SolisCloud" to configure the network of the inverter. The detailed operation is as follows:



7 After the inverter network configuration is completed, it is necessary to set the time, battery model, meter type, etc. of the inverter. The detailed operation is as follows:

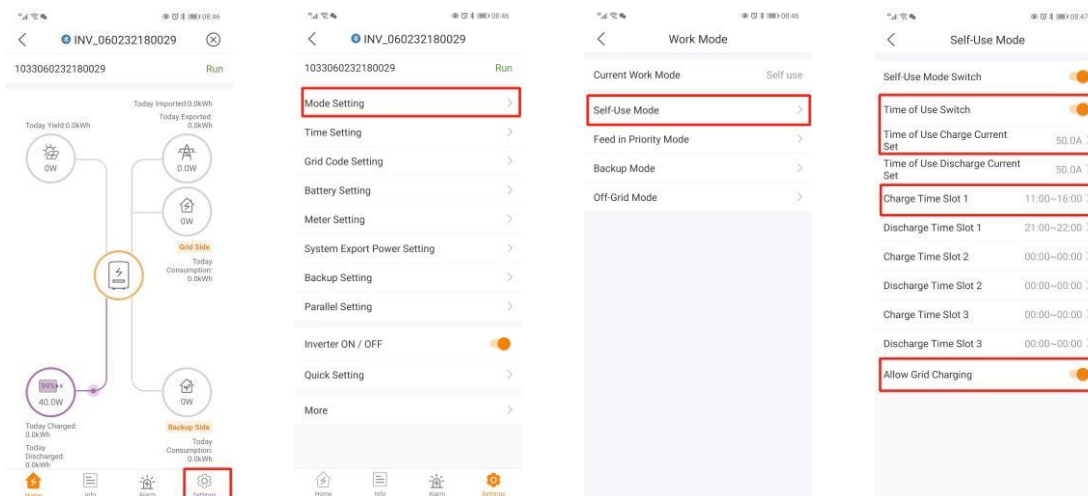


8 After the communication between the battery and the inverter is normal. You can query the power grid data after the power station is created in the app. The detailed operation is as follows:

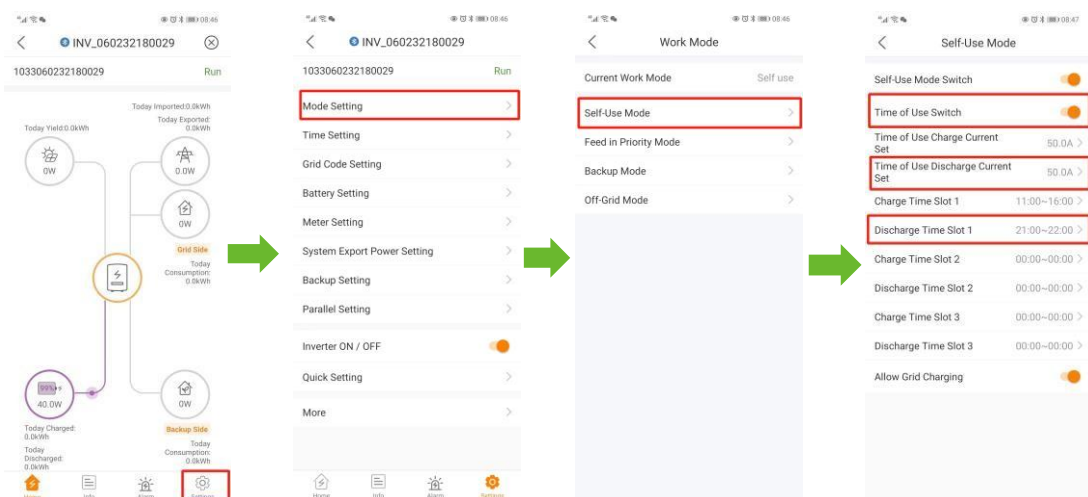
AC Info			
	Voltage (V)	Current (A)	Frequency (Hz)
U	225.7	0	55.13
V	227.8	0	55.13
W	226	0	55.13

Inverter Info	
Model	3306
National Standard	G59/3
Version	020002-000000
Full Load Hours	0 h
Warranty Period	—

9 In the app setting interface, select the self-use mode and set the charging and discharging time respectively. The detailed operation is as follows:
Charging settings:

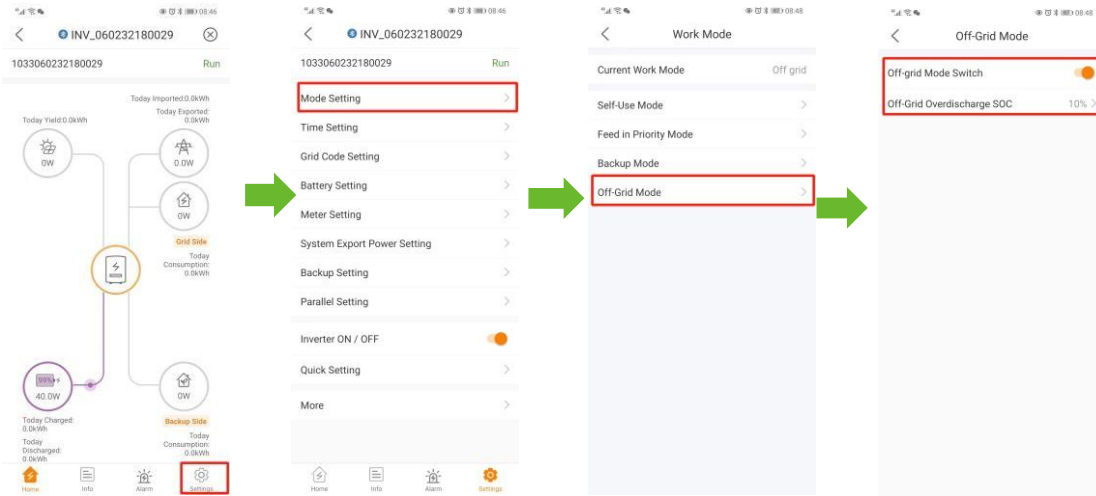


Discharging settings:



10 Off-Grid Mode Settings:

- ① When the inverter is disconnected from the grid, it will automatically enter the off-grid mode, and the load can be connected to discharge.
- ② Set offline mode in app:





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