

SIMPO HV

Inverter Settings (**EN**)

ZYC ENERGY
ZERO YOUR CARBON

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Foreword

1. This manual contains the connection and configuration methods for Solis, GoodWe and Deye inverters matched with the SIMPO HV. Please read this manual carefully during installation.
2. If your inverter is listed in the 'Inverters Compatibility List of SIMPO HV', indicating support for communication with the SIMPO HV BMS.
3. For detailed installation procedures of the battery system, please refer to the '**Quick Start of SIMPO HV**' and '**Installation and Operating Manual of SIMPO HV**'.
4. For detailed installation procedures of the inverter, please refer to the '**inverter installation manual**'.
5. When designing the system, please satisfy the following conditions at the same time while meeting the Inverters Compatibility List of SIMPO HV for full performance of inverter chargers:
Daily PV power generation - Daily power consumption of the load < Battery capacity
6. Due to our ongoing process of improvement, settings may be altered without prior notice and are accurate at the time of their release/publishing.

Solis Inverter

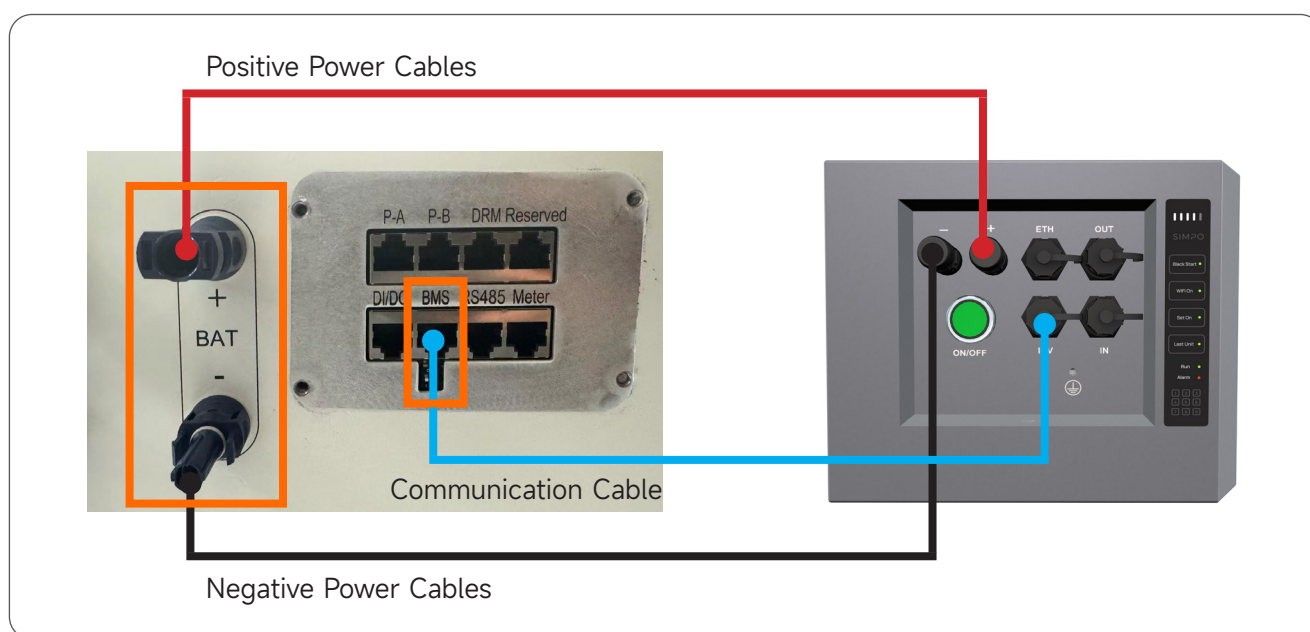
Commissioning Process

Step 1: Connect power cables and communication cable

Please refer to the **SIMPO HV Quick Start** manual for SIMPO HV power cables and communication cable connection.

Follow the **Operating Manual of Solis inverter** for power cables crimping and cables connections.

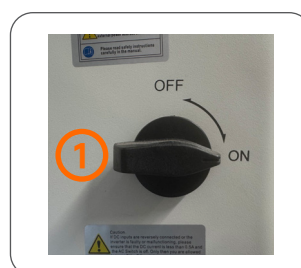
The following is an example of connection between SIMPO HV and Solis 10kW inverter.



Step 2: System start up

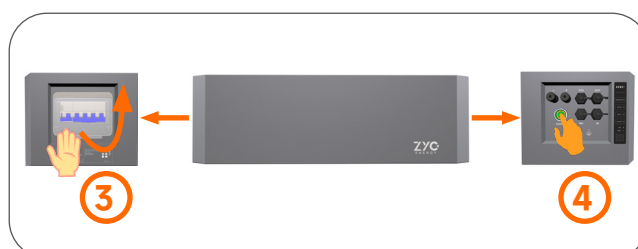
Inverter Side:

1. Switch on the inverter.
2. Turn on the isolator between battery and inverter (if any).



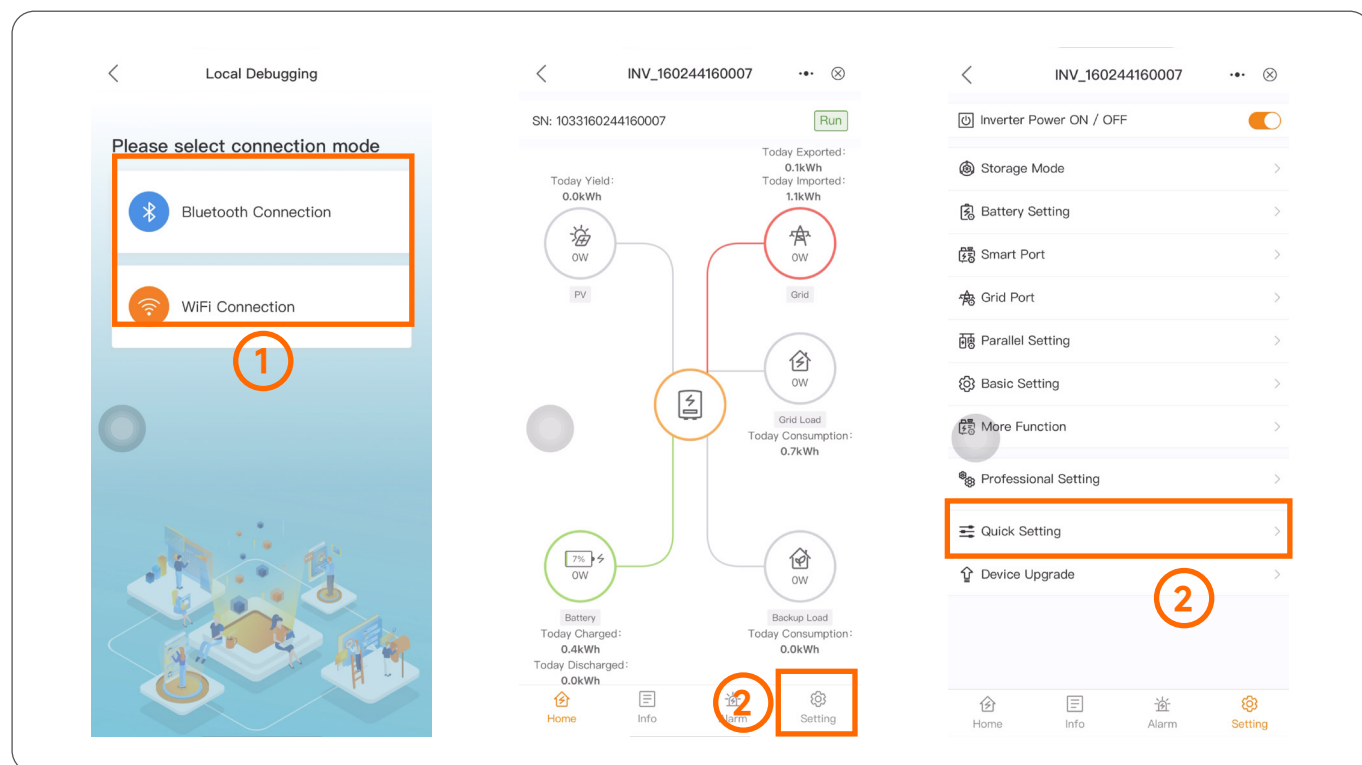
Battery Side:

3. Turn on the circuit breaker for each stack.
4. Press the 'ON/OFF' on each stack to turn on the system.
5. Checking the function status of the HMI.
 - Only the **master stack's 'Set On'** is enabled.
 - Only the **last stack's 'Last Unit'** is enabled.
 - Only the **master stack's 'WiFi On'** is enabled.

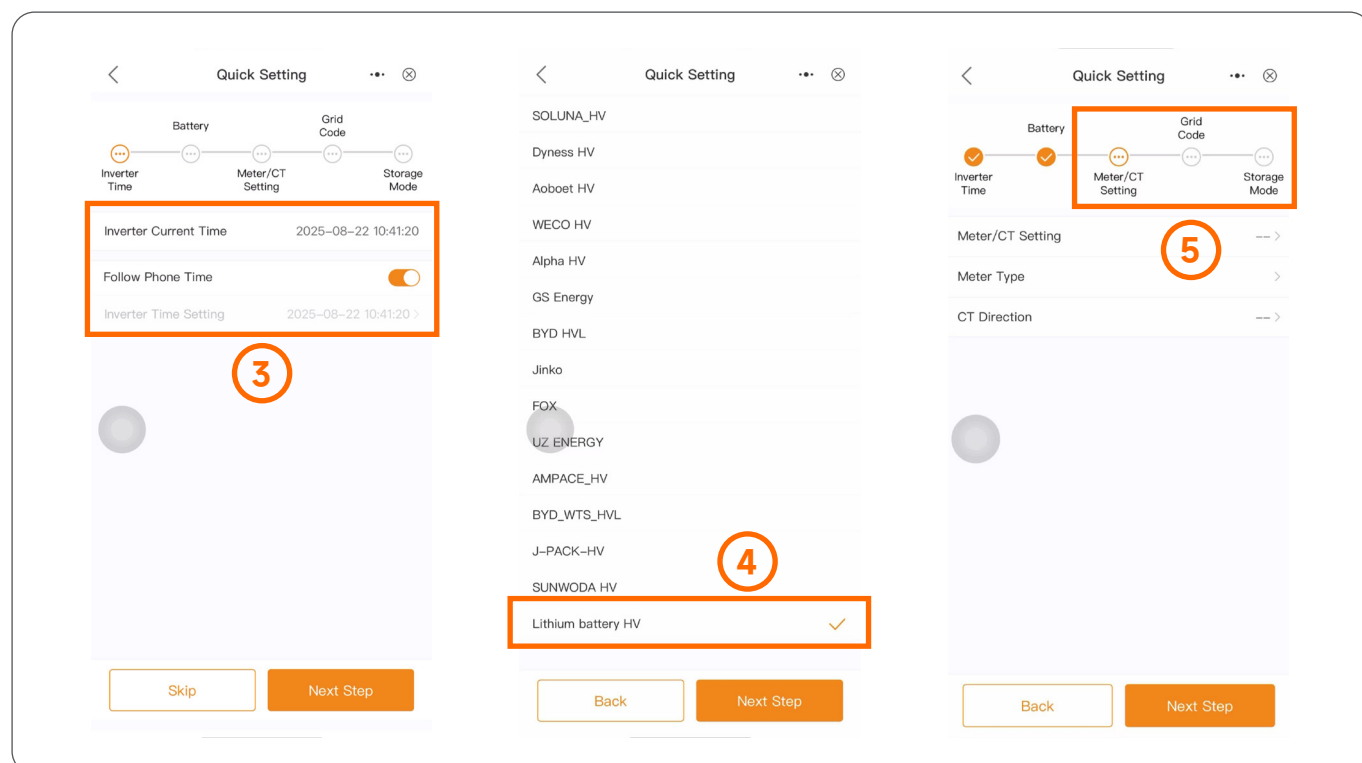


Step 3: Solis Cloud Settings

1. Start the APP 'Solis Cloud', and connect to the device via bluetooth or WiFi.
2. Go to **Setting -- Quick Setting**.



3. Set the 'Inverter Time' as required.
4. Select 'Lithium battery HV' for 'Battery'.
5. Set the 'Meter/CT Setting, Grid Code, and Storage Mode' based on actual conditions.
6. Setup complete.



GoodWe Inverter

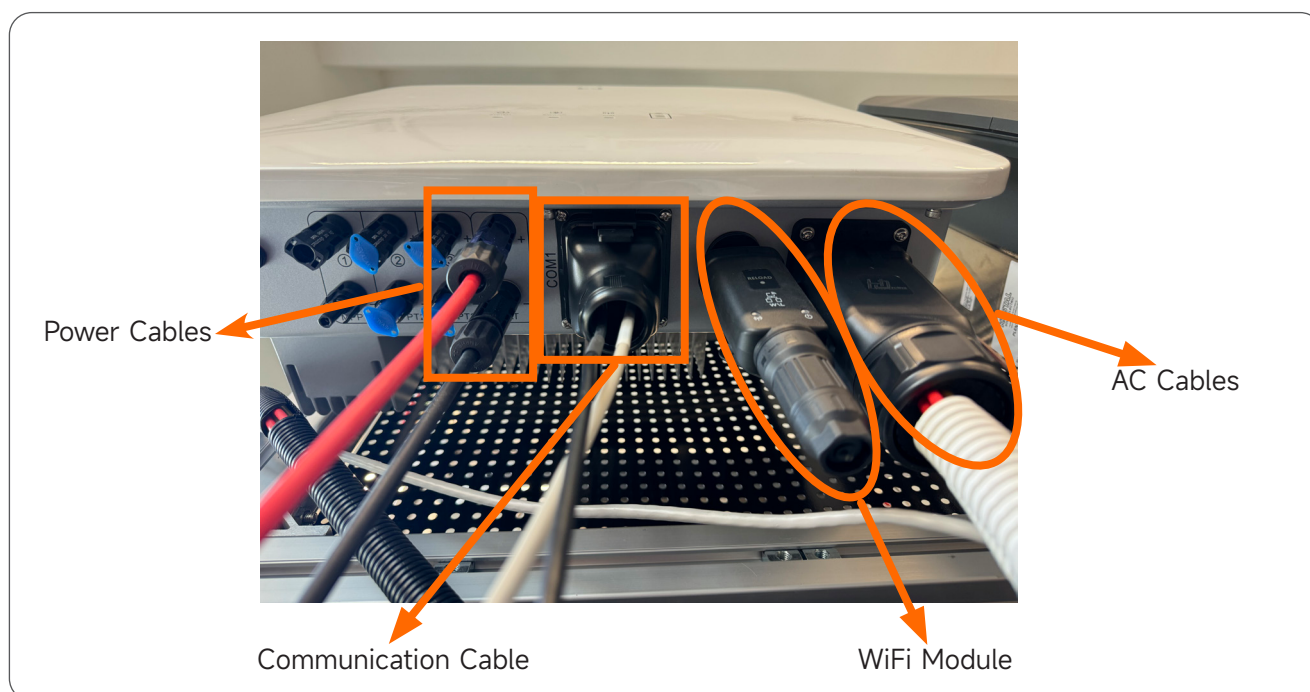
Commissioning Process

Step 1: Connect power cables and communication cable

Please refer to the **SIMPO HV Quick Start** manual for SIMPO HV power cables and communication cable connection.

Follow the **Installation Guide of GoodWe inverter** for power cables crimping and cables connection.

The following is an example of connection between SIMPO HV and Goodwe inverter.



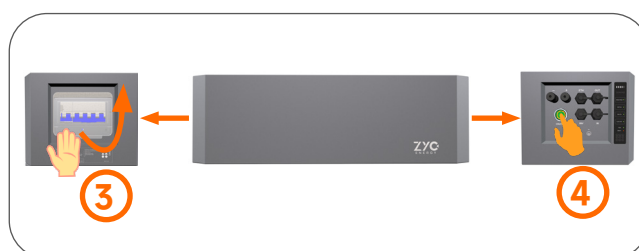
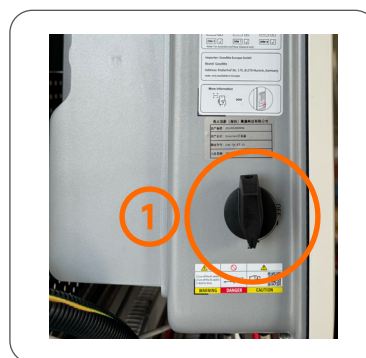
Step 2: System start up

Inverter Side:

1. Switch on the inverter.
2. Turn on the isolator between battery and inverter (if any).

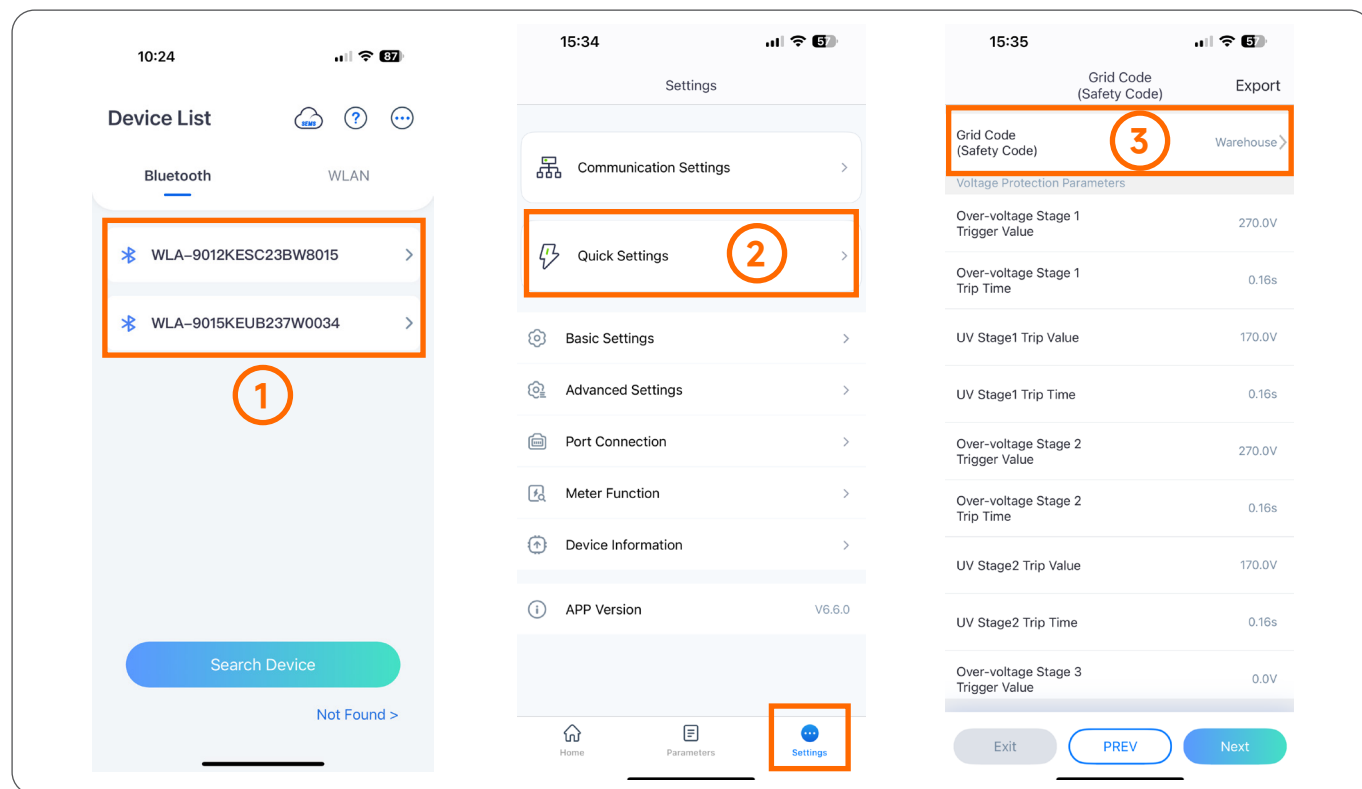
Battery Side:

3. Turn on the circuit breaker for each stack.
4. Press the 'ON/OFF' on each stack to turn on the system.
5. Checking the function status of the HMI.
 - Only the **master stack's 'Set On'** is enabled.
 - Only the **last stack's 'Last Unit'** is enabled.
 - Only the **master stack's 'WiFi On'** is enabled.

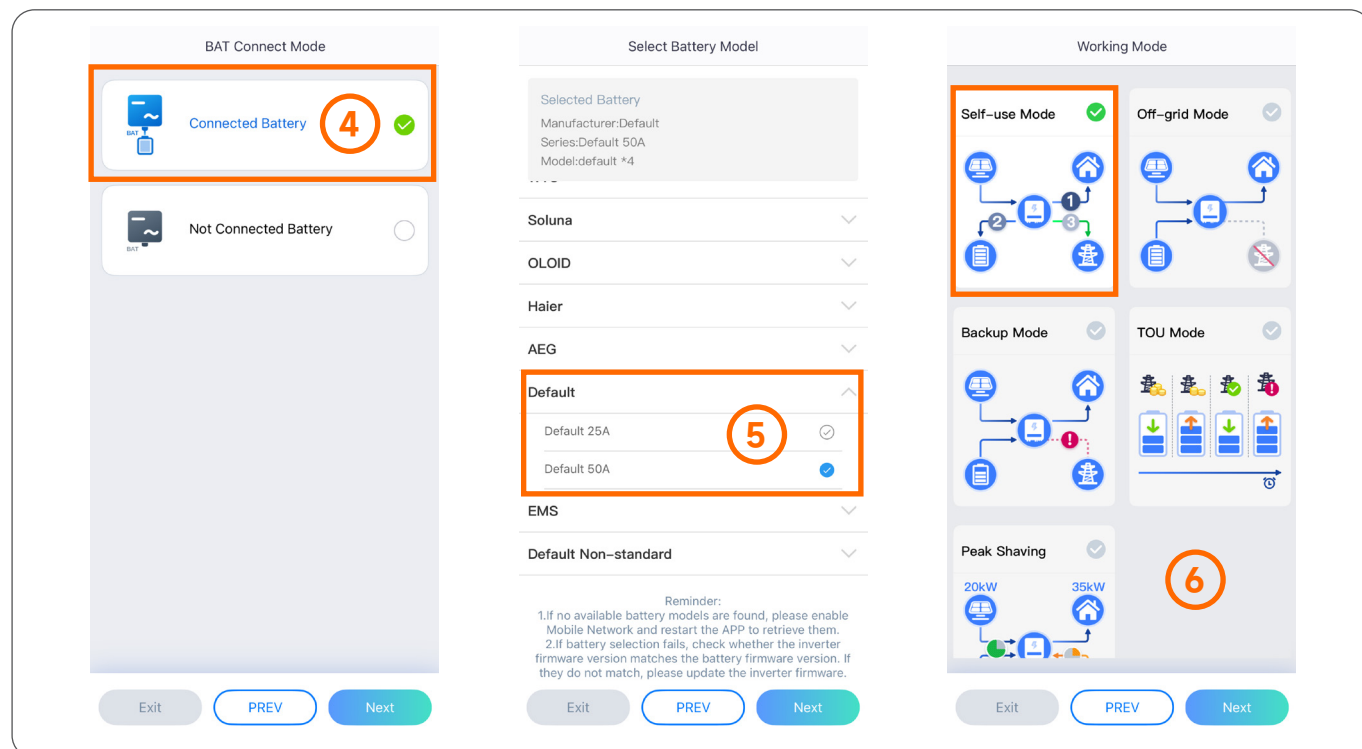


Step 3: SolarGo Settings

1. Start the APP 'SolarGo', and connect to the device via bluetooth or WLAN.
2. Go to **Settings** -- **Quick Settings**.
3. Select the Grid Code based on the actual situation.

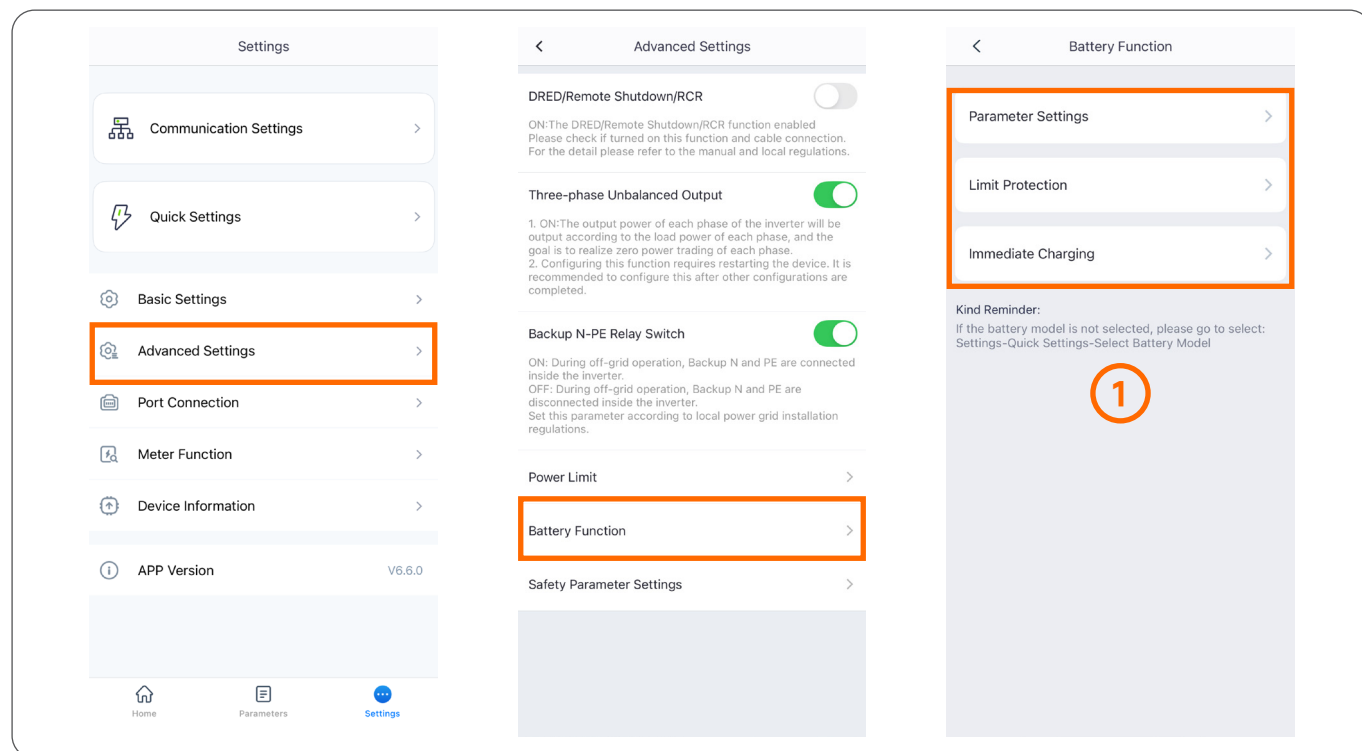


4. BAT Connect Mode -- Connected Battery.
5. Select Battery Model -- **Default 50A**.
6. Working Mode -- Self-use Mode (or based on actual use).

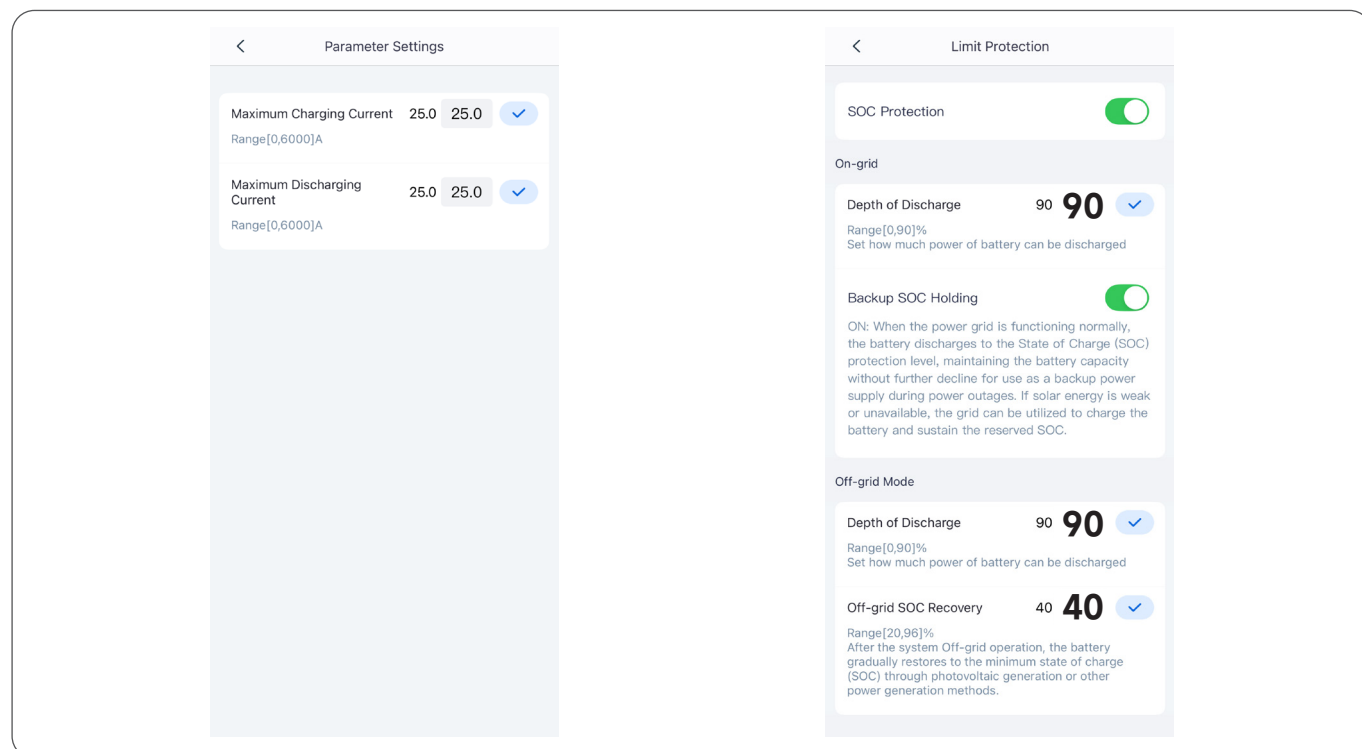


Step 4: Battery Function Settings

1. Go to Advanced Settings — Battery Function.



1. Parameter Settings -- Set according to the MAX voltage of the inverter.
2. Limit Protection --
 - Depth Of Discharge (On-Grid): 90
 - Depth Of Discharge (Off-Grid): 90



Deye Inverter

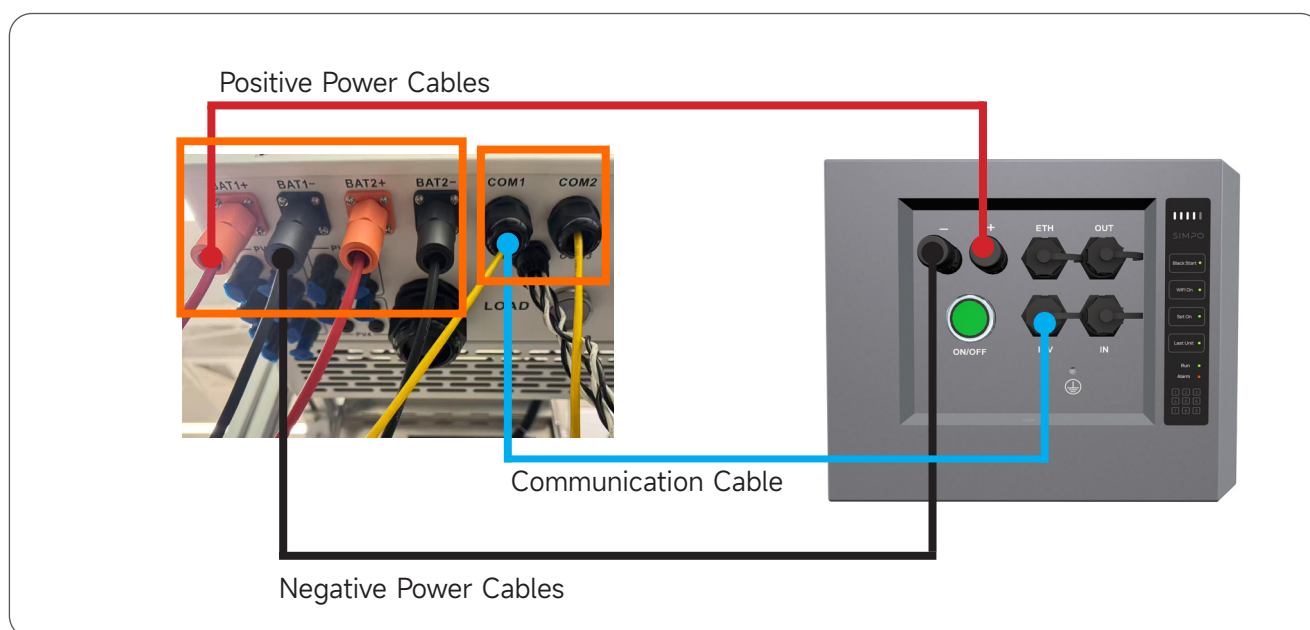
Commissioning Process

Step 1: Connect power cables and communication cable

Please refer to the **SIMPO HV Quick Start** manual for SIMPO HV power cables and communication cable connection.

Follow the **Operating Manual of Deye inverter** for cables connection.

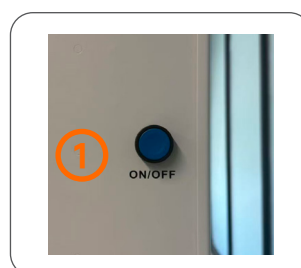
The following is an example of connection between SIMPO HV and Solis 30kW inverter. This inverter features two power inputs, enabling direct connection to two SIMPO HV stacks without the parallel combiner box.



Step 2: System start up

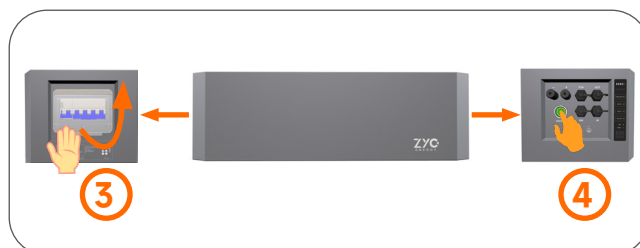
Inverter Side:

1. Switch on the inverter.
2. Turn on the isolator between battery and inverter (if any).



Battery Side:

3. Turn on the circuit breaker for each stack.
4. Press the 'ON/OFF' on each stack to turn on the system.
5. Checking the function status of the HMI.
 - Only the **master stack's 'Set On'** is enabled.
 - Only the **last stack's 'Last Unit'** is enabled.
 - Only the **master stack's 'WiFi On'** is enabled.

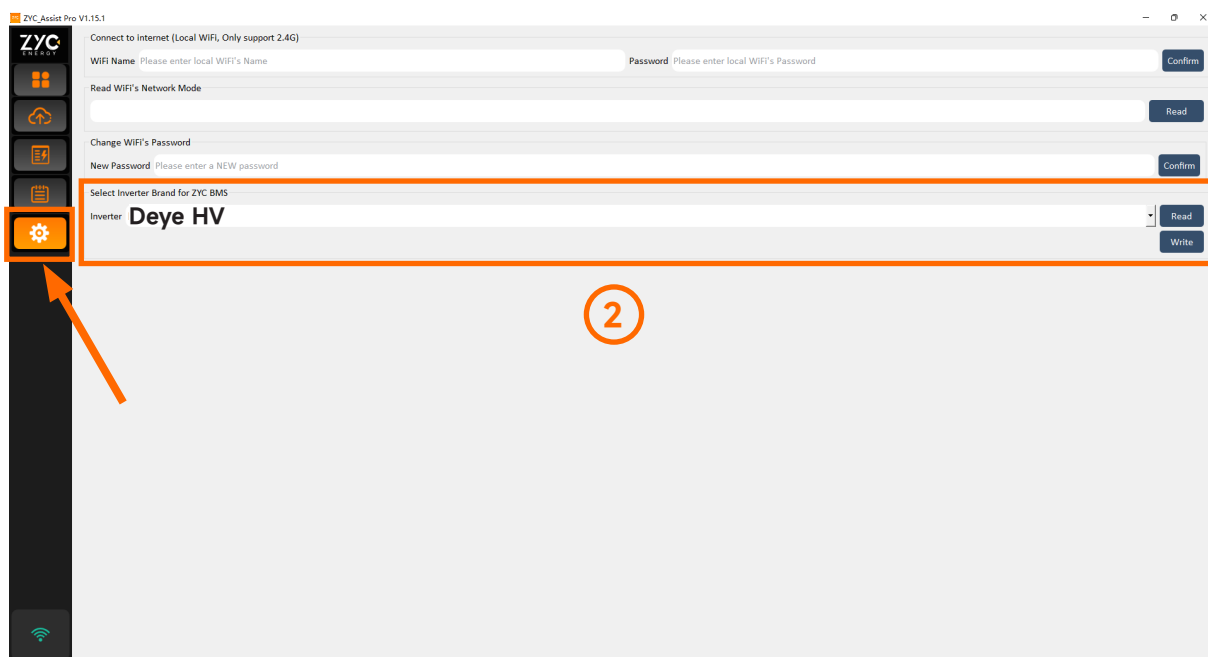
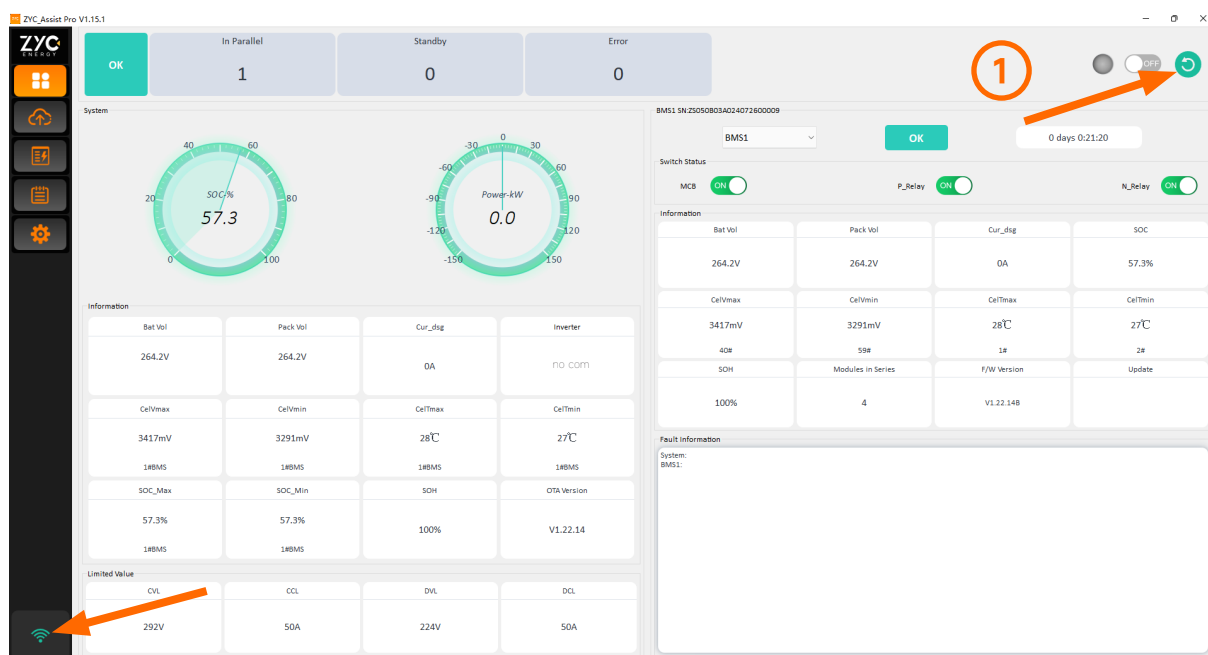


Step 3: ZYC Assist Pro / ZYC Assist Settings

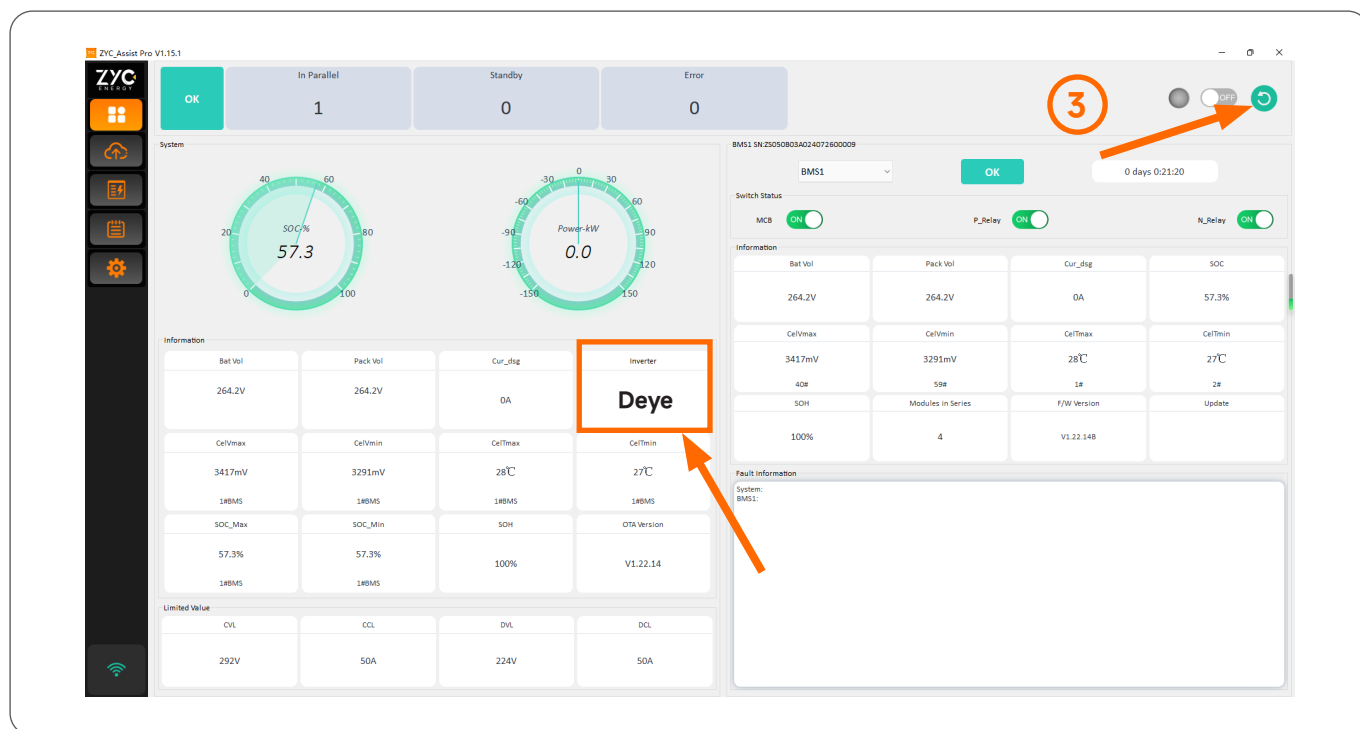
After power on the system, please set the inverter type to 'Deye HV' on battery side via **ZYC Assist Pro** or **ZYC Assist**. The inverter and battery will then automatically recognize each other. No additional configuration is required on the inverter side.

ZYC Assist Pro:

1. Connect the ZYC Assist Pro to the battery system to read the battery system information. (Please refer to 'User Manual of ZYC Tools' for instructions on connecting the ZYC Assist Pro).
2. Go to 'Setting' page and select 'Deye HV' as the Inverter. Click 'Write' to complete the setting.

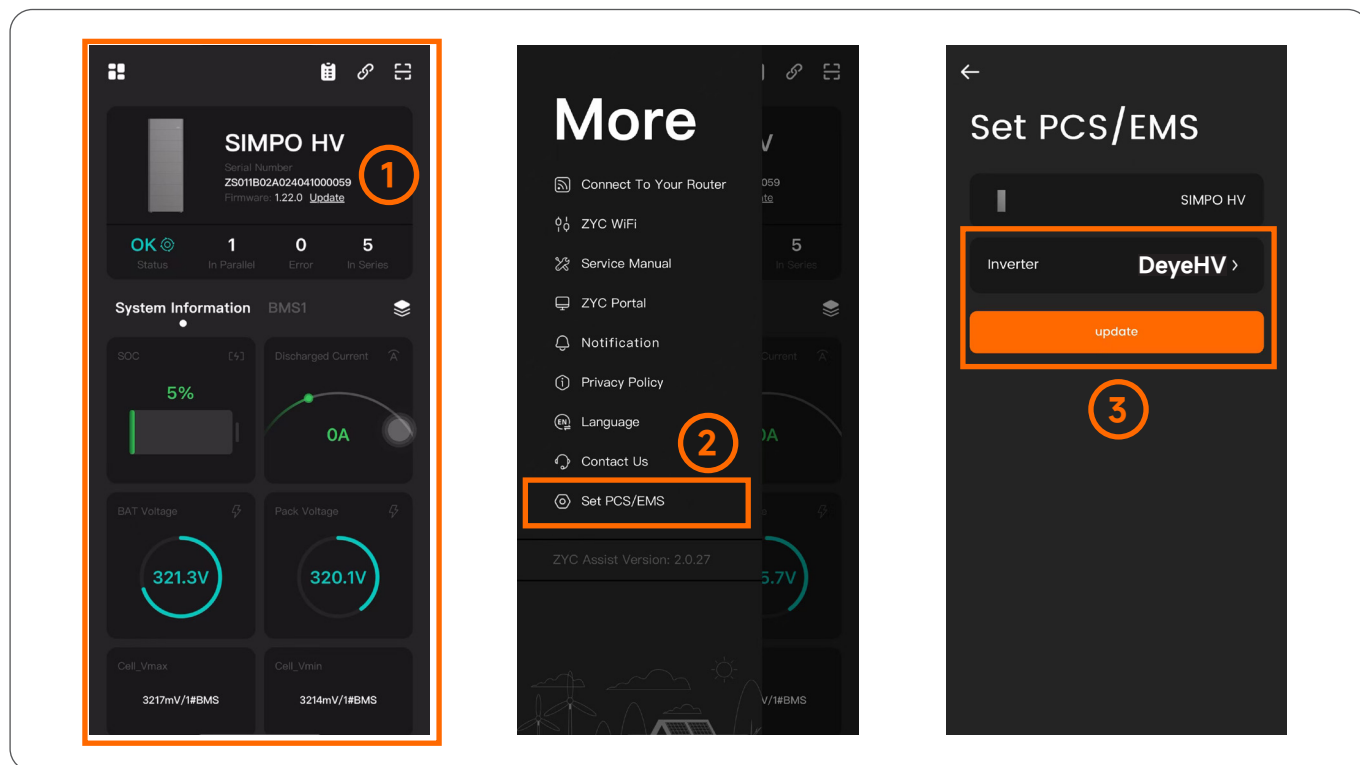


- Refresh the 'System Information' page and will see the inverter type displayed as 'Deye'.



ZYC Assist:

- Connect the ZYC Assist to the battery system to read the battery system information.
- Open the 'Set PCS/EMS' in the left sidebar.
- Select 'Deye HV' and click 'Update' to complete the configuration.



Contact Us



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