

Inverter Operation Guide

Megarevo-R5KL1



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Scenario

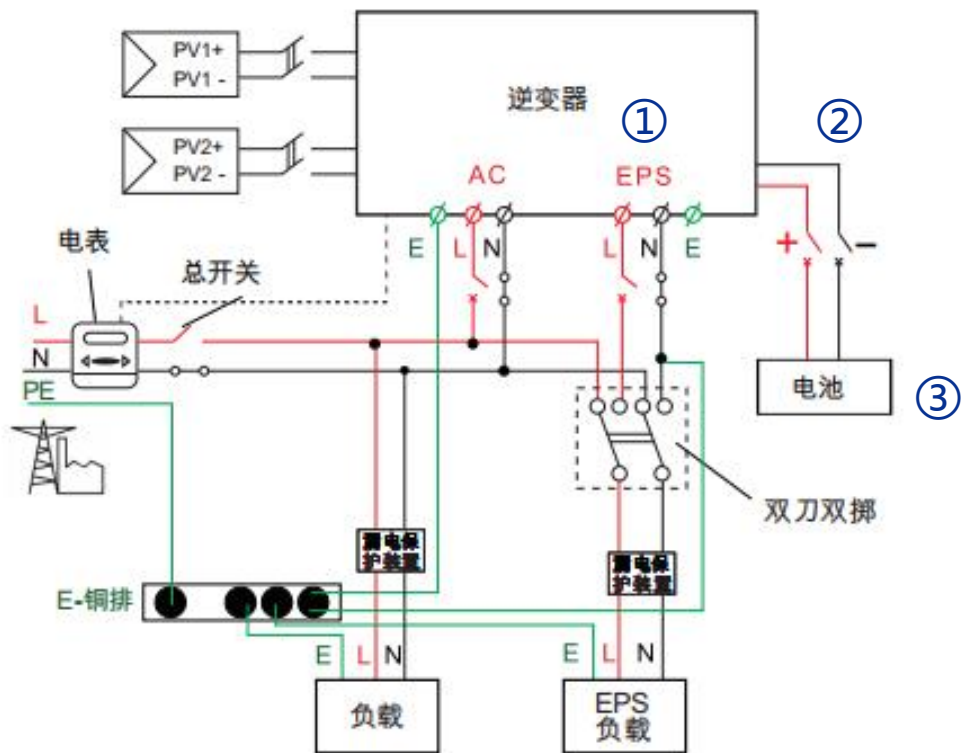
02

Connection

03

Configuration

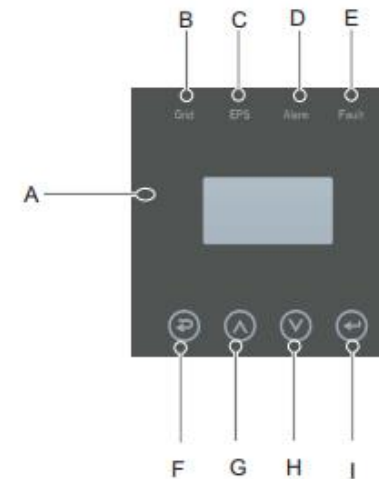
Simple home storage scenario



Key elements

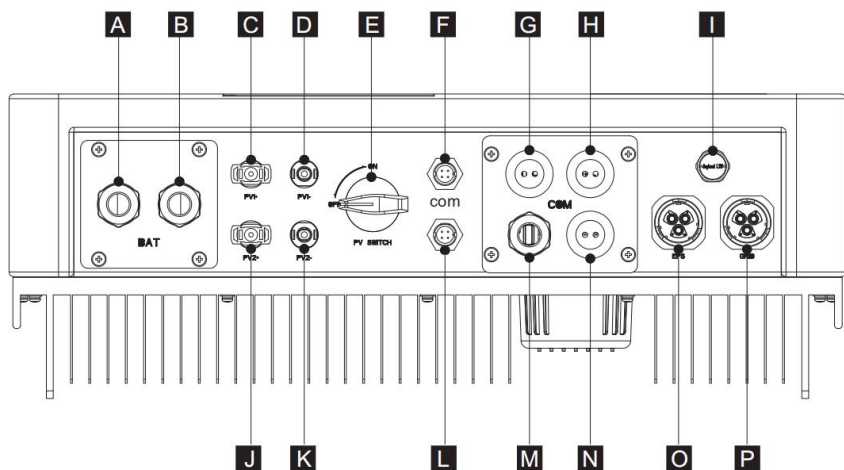
- ① **Inverter** : Megarevo-R5KL1
- ② **Interconnection cable** : Customized communication cable
- ③ **Battery** : The Li-ion Battery Pack composed of 16 strings of cells

PCS Control Panel



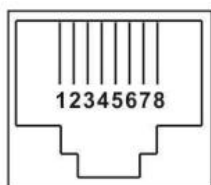
Object	Name	Description
A	LCD display	Display all information of the entire machine
B	Indicator LED	On: The inverter is operating in grid connected mode Off: The inverter is not in grid connected state
C		On: The entire machine has an alarm Off: No alarm for the entire machine
D		On: There is a serious malfunction in the entire machine Off: The entire machine is not malfunctioning
E		On: There is a serious malfunction in the entire machine Off: The entire machine is not malfunctioning
F	Touch buttons	Esc: Return from the current settings interface
G		Up: Move the cursor up or increase the setting value
H		Down: Move the cursor down or decrease the set value
I		Enter: Confirm and save the current settings

PCS Interfaces



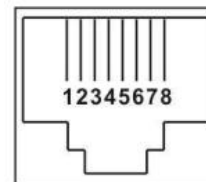
Object	Description	Object	Description
A/B	battery+/battery-	H	Grid current/DRY IO
C/D	PV1+/PV1-	M	USB port
J/K	PV2+/PV2-	N	POWER CAN/ LEND-NTC
E	DC switch	I	Pressure valve
F	EXTERNAL WIFI PORT	O	EPSport
L	Reserve ports	P	Grid ports
G	DRM/BMS		

Connection Between PCS and BMS



1	DC-5V
2	GND
4	CAN-H
5	CAN-L

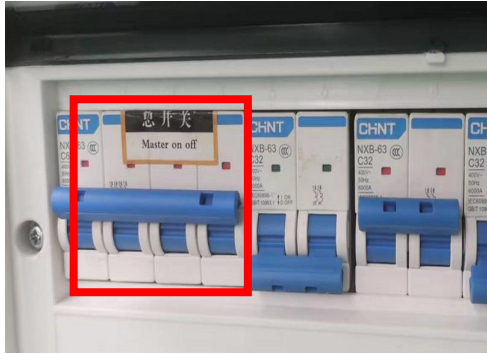
PCS Side



PIN1	RS485-B
PIN2	RS485-A
PIN3	GND
PIN4	CAN-H
PIN5	CAN-L
PIN6	GND
PIN7	RS485-A
PIN8	RS485-B

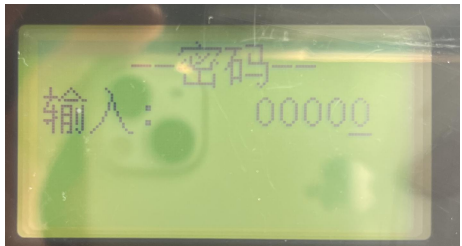
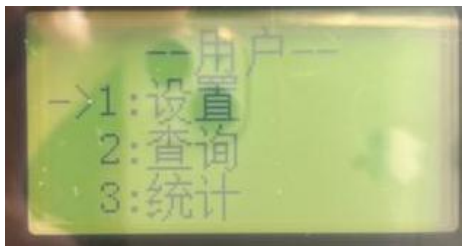
BMS Side

Matching Setting of Inverter and BMS-1



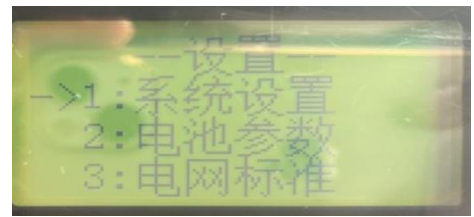
①

- Check system connection conforms
- **Turn on the AC power switch**



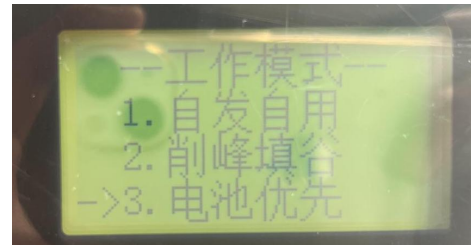
②

Press the \leftarrow key on the inverter to enter the setting, press the \wedge or \vee key to enter the password 0000 and press the \leftarrow key to confirm, press the \wedge or \vee key to find the system settings and press the \leftarrow key to confirm.



③

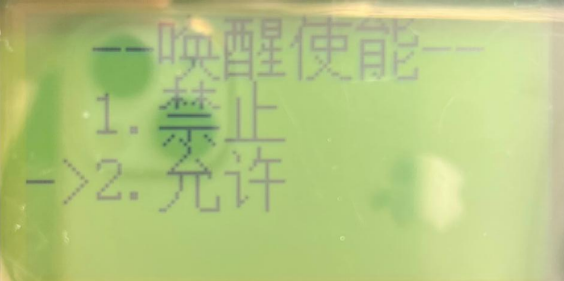
Go to the working system settings



④

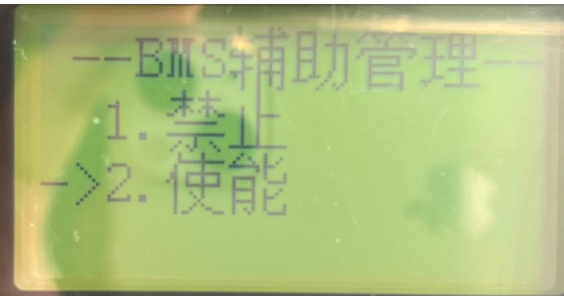
Select Battery Priority

Matching Setting of Inverter and BMS-2



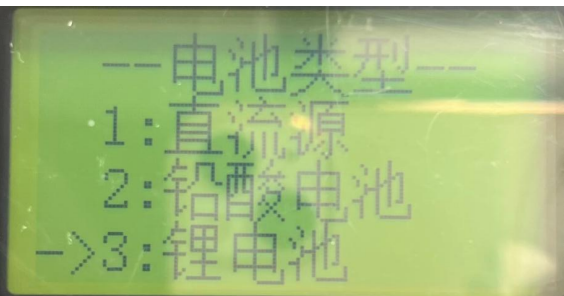
Find Battery Wake and select permission

⑤



Find BMS Assisted Management and select Enable

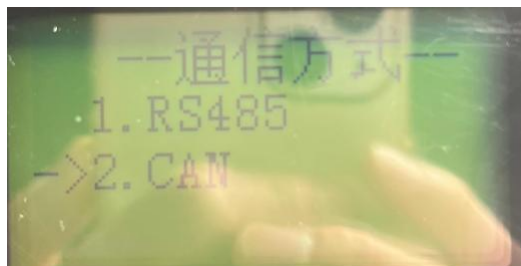
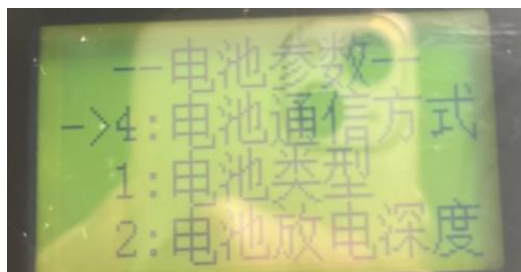
⑥



Find the battery type and select the corresponding battery type

⑦

Matching Setting of Inverter and BMS-3



Select CAN or 485 in Battery Parameters

⑧