Solis Low Voltage System Quick Connection Guide

Name	Interface	Wiring definition	Notes	Standard Network Cable Example			
Battery	CAN	4H/5L	Use a standard network cable to	1 2 3 4 5 6 7 8			
Inverter	BMS CAN	4H/5L	connect the inverter and battery.				
PA PB DRM Reserved DO/DI BMS RS485 Meter DO/DI BMS RS485 Meter DIP							
Image: Section of the section of t							
2: Single System Inverter Setup Instructions							

1: Communication Cable Connection

1 After completing the connection, use Local Operation mode to connect to the inverter's Bluetooth.

Register	Register	C Local Operation
Hello, Welcome to SolisCloud	Hello, Welcome to SolisCloud	Select Connection Method
Username/Email	Username/Email	Connect With Bluetooth
Password 🔯	Password 🔯	
I have agreed Privacy Policy	I have agreed Privacy Policy	Connect With WiFi
Log in	Log in	
Remember Forgot Password	Remember Forgot Password	
	WiFi Configuration	
	Local Operation	
Language More Tools Data Migration	Cancel	

2. After the first login, initialization settings are required.

Step 1: Set the inverter date and time. You can set it to follow the time on your phone. Step 2: Set the Battery Model to PYLON_HV.

Step 3: Set the Meter Setting, which must be based on the actual meter type connected to the inverter. If no meter is connected temporarily, select "No Meter" to avoid alarms. It is recommended to install the meter at the system's grid connection point and select "Grid Meter". Quickly set the inverter timer settings as working mode.

< Quick Setting Next	C Quick Setting Next	< Quick Setting Next
Battery Model Grid Code	Battery Model Grid Code	Battery Model Grid Code
Inverter Date Setting 2022-08-11	No Battery	Meter Type
Inverter Time Setting 15:27	PYLON_HV 🗸	Acrel 3P Meter
Phone Time 2022-08-11 15:27:2	B_BOX_HV BYD	Eastron Standard 3P Meter
Follow Phone Time	LG_HV LG	
	SOLUNA_HV	Meter Installation Location
	Dyness HV	Meter in Grid 🗸
	Aoboet HV	Meter in Load
	Alpha HV	Grid+PV Inverter Only applicable for Eastron Meter
	GS Energy	
	BYD HVL	
	Jinko	

3. Step 1: Set the Grid Code settings, please select the corresponding grid code according to local grid requirements.

Step 2: Set the Work Mode settings, it is recommended to set to "Self-Use Mode". This mode maximizes the use of photovoltaic power for household electricity or stores it in the battery for household use. If manual control of battery charging and discharging time is needed, use the time switch and the following settings.

Step 3: It is recommended to turn on "Allow Grid Charging" (if turned off, the inverter will not force the battery to charge, and the battery may enter sleep mode).

C Quick Setting Next	Quick Setting Done	< Self-Use Mode
Battery Model Grid Code	Battery Model Grid Code	Self-Use Mode
Inverter Time Meter Setting Work Mode	Inverter Time Meter Setting Work Mode	Time of Use Switch
070/0	Current Work Mode Self-Use Mode	Time of Use Charge Current Set 10.0A >
G59/3		Time of Use Discharge Current Set 10.0A >
User-define	Self-Use Mode >	Charge Time Slot 1 22:00 ~ 08:00 >
GREECE230	Feed in Priority Mode >	Discharge Time Slot 1 08:00 ~ 22:00 >
HK230	Backup Mode >	Charge Time Slot 2 00:00 ~ 00:00 >
RENBLAD	Off-grid Mode >	Discharge Time Slot 2 00:00 ~ 00:00 >
CEI 0-16		Charge Time Slot 3 00:00 ~ 00:00 >
NTS631		Discharge Time Slot 3 00:00 ~ 00:00 >
4777-A 🗸		Allow Grid Charging

3: Battery Parallel Connection



