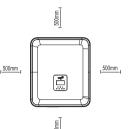
制作说明: 1.成品尺寸: 610\*325mm,不折叠。 2.黑白单面打印,350g白卡纸 3.按照打孔点虚线位置打孔(4个)



Object	Quantity	Description	Object	Quantity	Description	
Α	1	Inverter	- 1	1	Product manual	
В	2	Brackets	J	1	Quick installation guide	
С	6	PV connectors (Only for H3) (3*positive, 3*negative)	К	1	WiFi/LAN/GPRS (Optional)	
D	6	PV pin contacts (Only for H3) (3*positive, 3*negative)	L	1	Meter	
Е	2	AC connectors	М	3	Hexagonal screws	
F	6	Expansion tubes & Expansion screws	N	2	Battery connectors (1*positive, 1*negative)	
G	1	Earth terminal	0	2	Battery pin contacts (1*positive, 1*negative)	
Н	1	Communication connector				

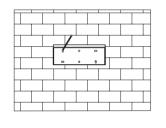


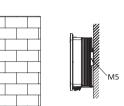
Position	Min Distance
Left	500mm
Right	500mm
Тор	500mm
Bottom	500mm

## Step1: Fix the bracket on the wall

Choose the place you want to install the inverter.

Place the bracket on the wall and mark the position of the 6 holes from





Drill holes with electric drill, make sure the holes are at least 50mm deep

Insert the expansion tubes into the holes and tighten them. Install the

Mount the inverter to the bracket. Secure the inverter with the M5

and 8mm wide, and then tighten the expansion tubes

bracket with the expansion screws.

Communication interface between the inverter and Meter/485/DRM/Ethernet/BMS/Parallel 1/Parallel 2 are as follows with



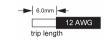


PIN Port	1	2		4	5	6	7	8
Meter/ 485	485A	485B	Meter 485B	Meter 485A	/	/	RY_ CON	+12V
DRM	DRM1	DRM2	DRM3	DRM4	+3.3V	DRM0	GND	GND
Ethernet	TX+	TX-	RX+	/	/	RX-	/	/
Parallel 1	/	/	/	Parallel _CANH	Parallel _CANL	/	BMS_ CANH	BMS_ CANL
Parallel 2	E_STOP	GND_ COM	/	Parallel _CANH	Parallel _CANL	/	/	/
BMS	/	GND	BMS_ 485B	BMS_ CANL	BMS_ CANH	/	/	BMS_ 485A

Compatible Meter type: DTSU666 (CHINT).

PV Wiring (For Hybrid version Only)

- Turn off the DC switch.
- Choose 12 AWG wire to connect the PV module
- Trim 6mm of insulation from the wire end.



Separate the DC connector (PV) as below.

Plug Pin contact cable nut 



Insert striped cable into pin contact and ensure all conductor strands are cantured in the nin contact

Crimp pin contact by using a crimping plier. Put the pin contact with striped cable into the corresponding crimping pliers and crimp the contact.

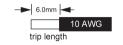


## Unlock the DC connector:

- Use the specified wrench tool.
- When separating the DC+ connector, push the tool down from the
- When separating the DC- connector, push the tool down from the
- Separate the connectors by hand.

### Battery Wiring

- Turn off the DC switch.
- Choose 10 AWG wire to connect the battery
- Trim 6mm of insulation from the wire end.



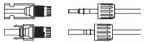
Separate the DC connector (battery) as below.

Plug Pin contact cable nut 

Insert striped cable into pin contact and ensure all conductor strands

Crimp pin contact by using a crimping plier. Put the pin contact with striped cable into the corresponding crimping pliers and crimp the contact.

Insert pin contact through the cable nut to assemble into back of the male or female plug. When you feel or hear a "click" the pin contact assembly is seated correctly.



- Unlock the DC connector:
- Use the specified wrench tool.
- When separating the DC+ connector, push the tool down from the

- When separating the DC- connector, push the tool down from the

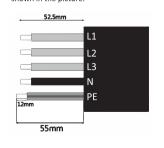
- Separate the connectors by hand.

# QUICK INSTALLATION GUIDE

## Cable dimensions

Model (kW)	5.0	6.0	8.0	10.0	12.0
Cable (ON-GRID)	8.0mm <sup>2</sup>				
Cable (EPS)	4.0mm²	4.0mm²	4.0mm²	4.0mm²	4.0mm <sup>2</sup>
Micro-Breaker	63A	63A	63A	63A	63A

- Trim all the wires to 52 5mm and the PE wire to 55mm
- Use the crimping pliers to trim 12mm of insulation from all wire ends as shown in the picture.



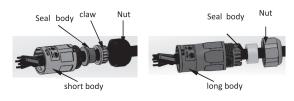
L1/L2/L3: Brown/Red/Green or Yellow Wire

N: Blue/Black Wire

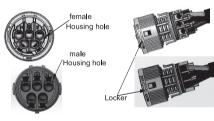
PE: Yellow & Green Wire

Note: Please refer to local cable type and color for actual installation.

A. EPS Wiring



Crimp wires, screw twisting torque 0.8+/-0.1N·m.



· Push Housing into Body.



• Put the sealing body and yarn trapper into the main body, screw the lock nut into the main body, and the torque is (2.5 + / - 0.5N·m).



• Insert the male end into the female end. For the rotation direction of



the lock, please refer to the LOCK mark on the assembly.

or the unlock tool. Rotate the sleeve referring to the UNLOCK mark on the assembly, then pull it out.

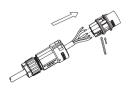
Remove the EPS connector: Press the bayonet with a small screwdriver



- Separate the ON-GRID plug into three parts as below.
- 1. Hold the middle part of the female insert, rotate the back shell to loosen it, and detach it from female inset.
- 2. Remove the cable nut (with rubber insert) from the back shell



• Slide the cable nut and then the back shell onto the cable.



• Push the threaded sleeve into the socket, tighten up



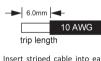
• Push the threaded sleeve to connection terminal until both are locked tightly on the inverter



• Remove the GRID connector: Press the bayonet out of the slot with a small screwdriver or the unlock tool and pull it out, or unscrew the threaded sleeve, then pull it out.



Trim 6mm of insulation from the wire end.



Insert striped cable into earth terminal and ensure all conductor strand are captured in the earth terminal.

Crimp earth terminal by using a crimping plier. Put the earth terminal with striped cable into the corresponding crimping pliers and crimp the contact.

Use the crimping pliers to press the ground cable into the ground terminal, screw the ground screw with screwdriver as shown below.



## 5. Inverter Start-Up

Please refer to the following steps to start up the inverter

- 1. Ensure the inverter fixed well.
- 2. Make sure all wirings are completed.
- 3. Make sure the meter is connected well.
- 4. Make sure the battery is connected well.
- 5. Make sure the external EPS contactor is connected well (if needed).
- 6. Make sure the BMS buttons and battery switch are off. 7. Turn on the PV/DC switch (for Hybrid version only), AC breaker, EPS
- breaker and battery breaker. 8. Enter the settings page, default password is '0000', select START / STOP
- and set it to start (long press "enter" to quickly go to the START / STOP page).

- When starting inverter for the first time, the country code will be set by default to the local settings. Check if the country code is correct.
- Set the time on the inverter using the button or by using the APP.

# 6. Inverter Switch Off

Please refer to the following steps to switch off the inverter.

- 1. Enter the settings page, select START / STOP and set it to stop.
- 2. Turn off the PV/DC switch (for Hybrid version only), AC breaker, EPS
- 3. Wait 5 min before you open the upper lid (if in need of repair).

The ethernet port under inverter is only for local monitoring use (Via register), LAN connection need to purchase an separate product Smart LAN.