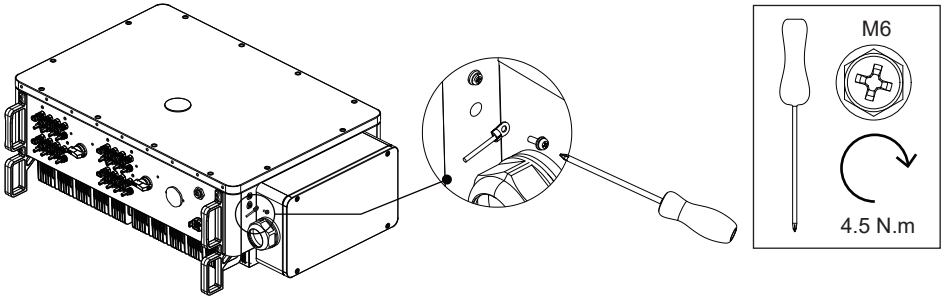


3.4 Ground connection



3.5 Multi-function terminal connection

1

2

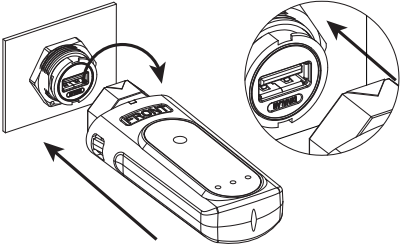
3

1-5 is 485, and the specific line sequence is as follows:		
1:485A1_1	2:485B1_1	3:485A1_2
4:485B1_2	5:485_1_GND	
9-16 is DRM, and the specific line sequence is as follows:		
9:DRM 1/5	10:DRM 2/6	
11:DRM 3/7	12:DRM 4/8	
13:DRM 0	14:DRM_GND	
15:DRM_+5V	16:DRM_GND	

4

4. INSTALLATION OF DATALOGGER (OPTIONAL)

- 1 Open the COM1 port cover plate, assemble the datalogger and USB port together as shown in the figure, and tighten the datalogger.
- 2 The datalogger can support Wifi or 4G communication. Refer to the datalogger installation guide for detailed operation.



5. INSPECTION BEFORE OPERATION

No.	Inspection items
1	The inverter shall be installed correctly, firmly and reliably
2	Cables shall be reasonably arranged and well protected, without damage
3	The datalogger shall be installed correctly, firmly and reliably
4	The safety signs and warning labels on the inverter are not blocked or damaged
5	" DC SWITCH "and all switches connected to the inverter are" OFF "
6	The AC output cable, DC input cable and grounding wire are connected correctly, firmly and reliably
7	Unused terminals and interfaces are protected with waterproof covers
8	Reasonable selection of AC circuit breaker
9	Reasonable installation space, clean and tidy environment, no construction remains

6. POWER ON THE SYSTEM

- 1 At the AC switch between the inverter and the power grid, measure the voltage at the power grid side with a multi-meter, and confirm that the power grid voltage is at the working power of the inverter Allowable pressure range.
- 2 Close the AC switch between inverter and utility/national grid.
- 3 Set "DC SWITCH" on inverter to "ON".
- 4 Observe the inverter LED indicator and check the inverter operating status.

The registered account and password can be logged in at the same time on the APP and the website, or on multiple devices. This is a quick installation manual. If you do not know the specific operation, please contact our technical support.



User manual

AUXSOL
WIN A GREEN FUTURE TOGETHER

Ningbo AUX Solar Technology Co., Ltd.

No. 518 Xinmei Road, High-Tech Zone,
Ningbo City, Zhejiang Province, China

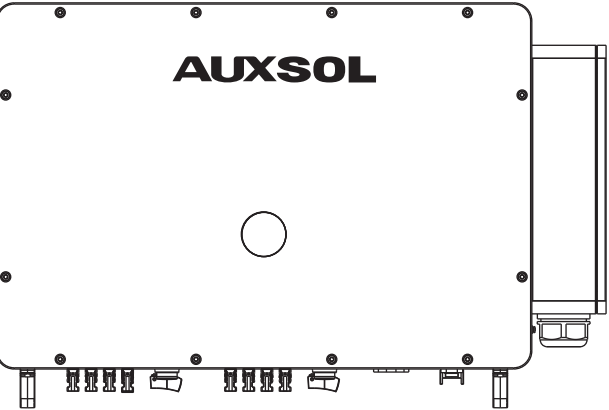
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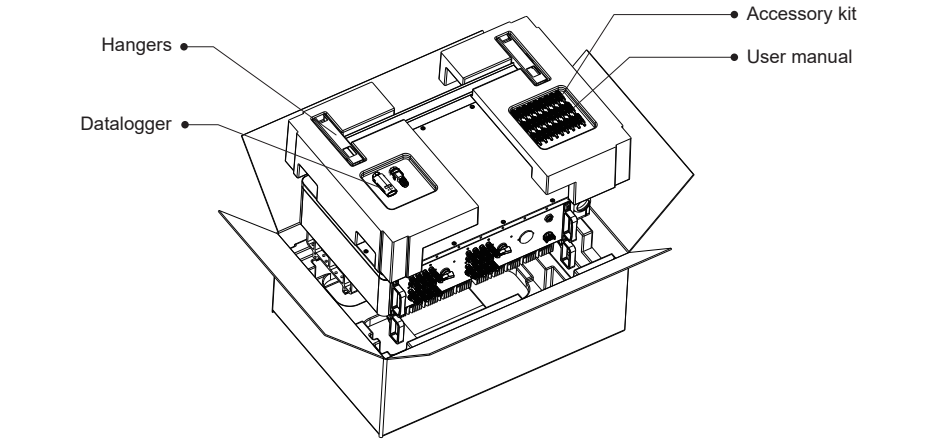
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QUICK INSTALLATION
MANUAL



ASN-(50~75)TL-LV-PLUS
ASN-(90~110)TL-PLUS

Before opening the inverter package, check the outer package for damage. Open the package and check the inverter for damage of exterior or missing accessories.
The attachments are placed as follows:



No.	Description	Model	Unit	QTY	Remark
1	Inverter		pcs	1	
2	User manual		pcs	1	
3	Quick installation manual		pcs	1	
4	PV terminals (+, -)		pair	* ¹	black
5	Bolt+nut+spring washer+flat washer	M10×40	set	4	
6	Hangers		pcs	1	
7	Combination screws	M5×40	pcs	2	
8	Inspection report		pcs	1	
9	Datalogger		pcs	1	
10	Multi-function communication terminal		set	1	
11	Ground wire OT terminal		pcs	* ²	
12	Meter kit		set	1	optional

*¹ The number of PV terminals allocated corresponds to the number of specific inverter terminals.
*² The number of Ground wire OT terminal dispatched is subject to the actual BOM.
Note: The pictures in the manual are only schematic drawings. The product and optional parts are subject to the actual product.

1. INSTRUCTIONS FOR USER

- 1 The contents of this document will be updated irregularly due to product version upgrading or other reasons. This document is only an installation guide and does not replace the user manual or the safety instructions on the product.
- 2 All equipment operations must be performed by professional electrical technicians.
- 3 Please read the user manual carefully for product information and safety precautions before installing the equipment. Equipment damage due to storage, handling, installation and use of equipment not in accordance with this document and the user manual is not covered by the equipment warranty.
- 4 Insulating tools must be used when installing equipment. For personal safety, please wear personal protective equipment.

2. INSTALLATION OF INVERTER

Bracket installation

If the installation space does not meet the requirements, the inverter may be derated.

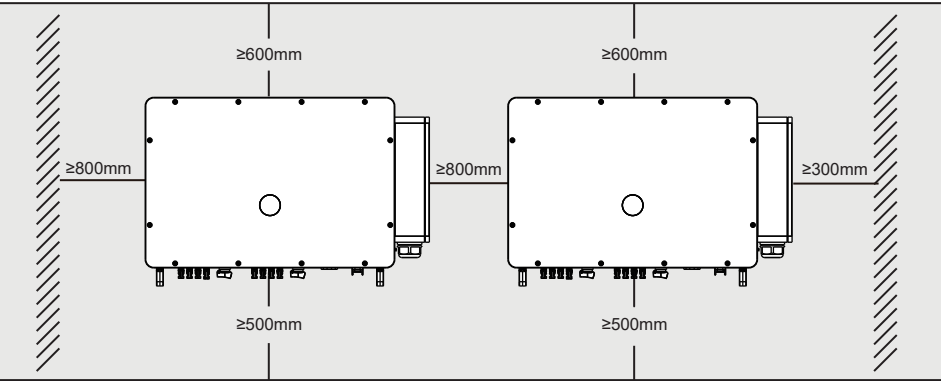


Fig. 2.0 Installation clearance of inverter

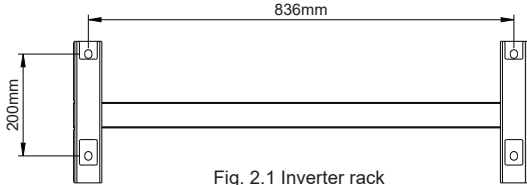


Fig. 2.1 Inverter rack

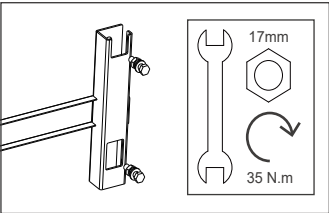


Fig. 2.2 Mounting of inverter rack

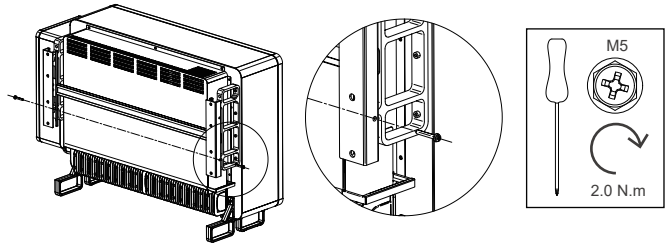


Fig. 2.3 Installation of set screw

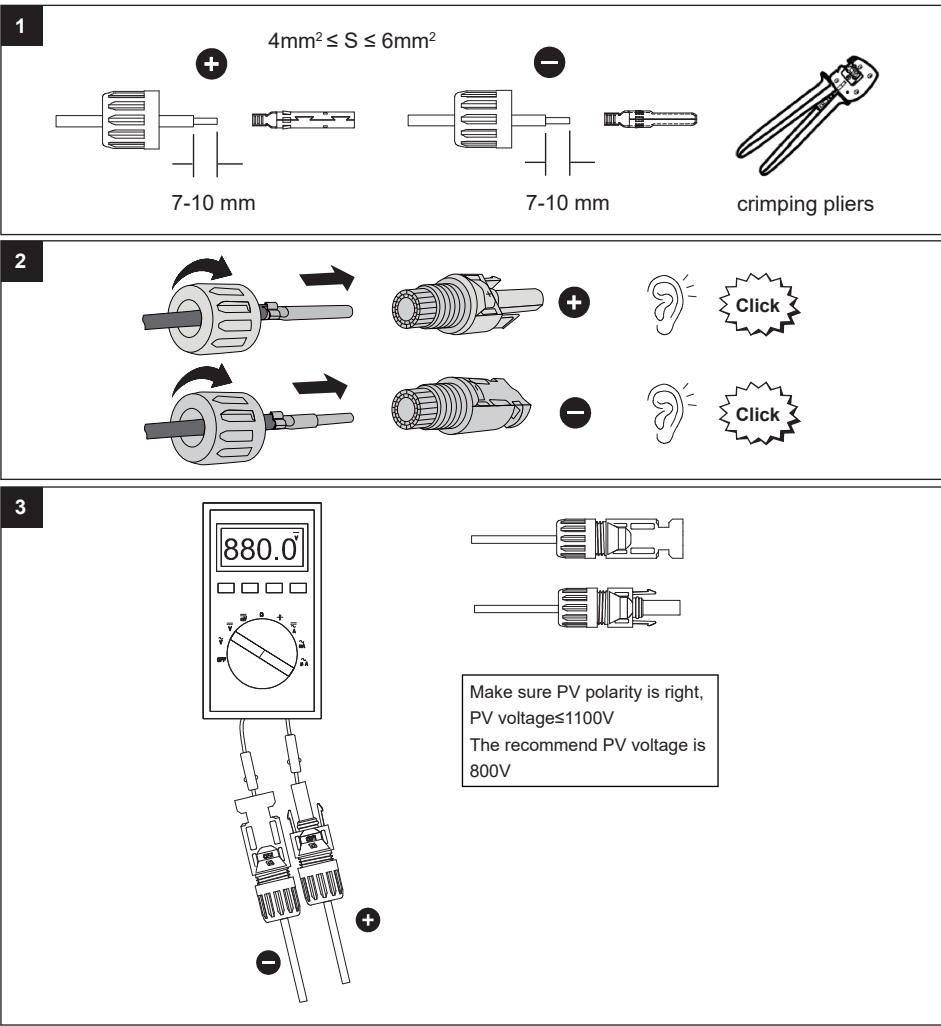
- 1 Refer to Figure 2.2 installing the inverter rack.
- 2 Hang the inverter on the rack and install the fixing screws.

3. ELECTRICAL CONNECTION

3.1 Preparation before installation

- 1 Before making electrical connections, make sure that the inverter's "DC SWITCH" and all switches connected to the inverter are in the "OFF" position, otherwise the high voltage of the inverter may cause electrical shock.
- 2 In order to ensure that the inverter and the grid can be safely disconnected in case of abnormal conditions, please connect the AC switch on the AC side of the inverter. Please select proper AC switch according to local industry standards and regulations.
- 3 Electrical connections shall comply with the regulations of the country where the equipment is located.

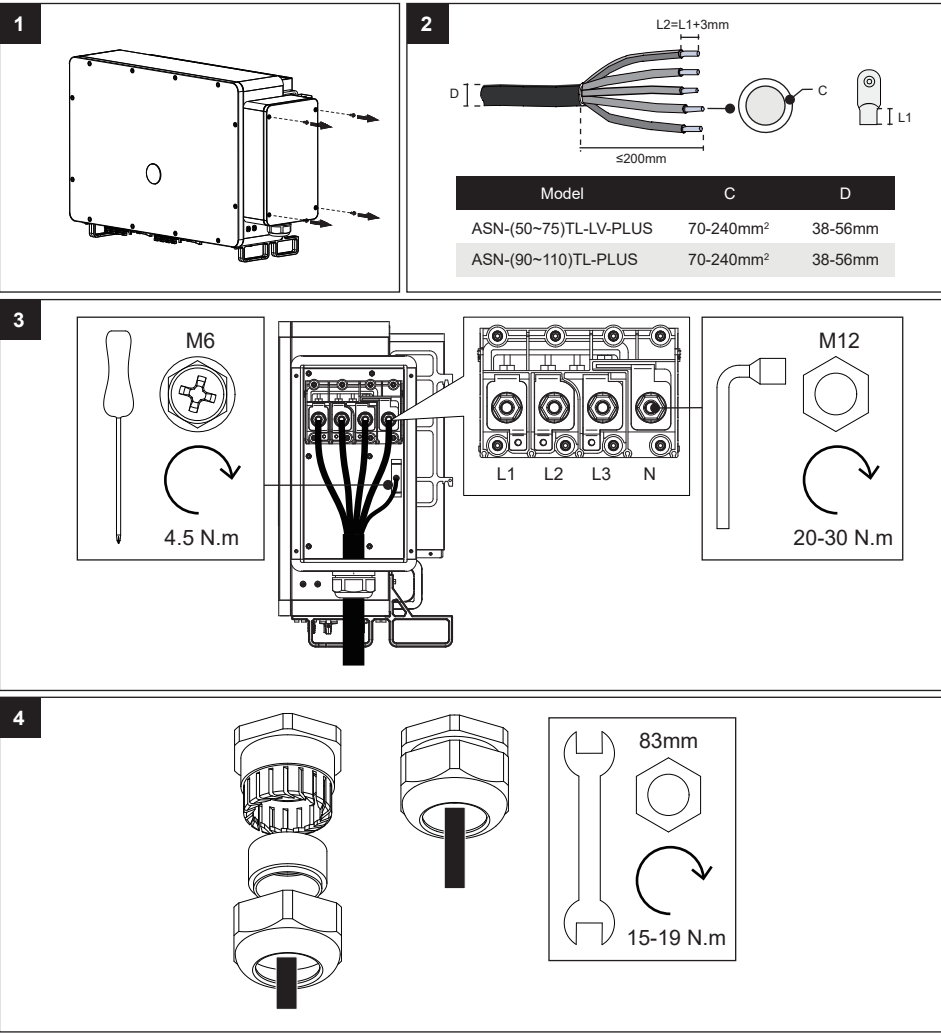
3.2 DC input side connection



3.3 AC output side connection

Inverter AC connector interface	Three-phase	Remark
L1	L1(A)	
L2	L2(B)	
L3	L3(C)	
N	N Neutral wire	
⏏	PE grounding wire	Must be connected

Description of AC connection port of three-phase PV inverter



(此页不打印)

印刷说明:

- 1、材料: 图纸展开尺寸: 570x205mm, 铜版纸, 157g, 成品展开尺寸公差 $\pm 5\text{mm}$;
- 2、印刷要求: 双面黑白打印, 内容颜色正确清晰无重影;
- 3、来料方式: 折叠来料, 折叠方式如下图所示:
(沿中间对折, 随后向右再对折, 如图所示)

