

	1	2	3	4	5	6	7	8					
A	Y11000223								修订表			A	
	区域	版本号	变更单号	修订说明			日期	修改人					
		V1.0		1.首次发布			26/01/28	夏雨诗					
B												B	
C	技术要求: 1. 80g 双胶纸黑白印刷, 正反打印; 2. 未注尺寸公差按 ±3 mm; 3. 图面、字体印刷清晰、无偏移、无毛边、不起边、油墨不脱落 4. 黑色字体颜色为 PANTONE BLACK C, 无边框, 底色为白色; 5. 尺寸:210*297 mm												C
D													
零件代号												E	
借(通)用件登记													
描图													
描校												F	
旧底图总号													
底图总号													
签字													
日期													
	1	2	3	4	5	6	7	8					

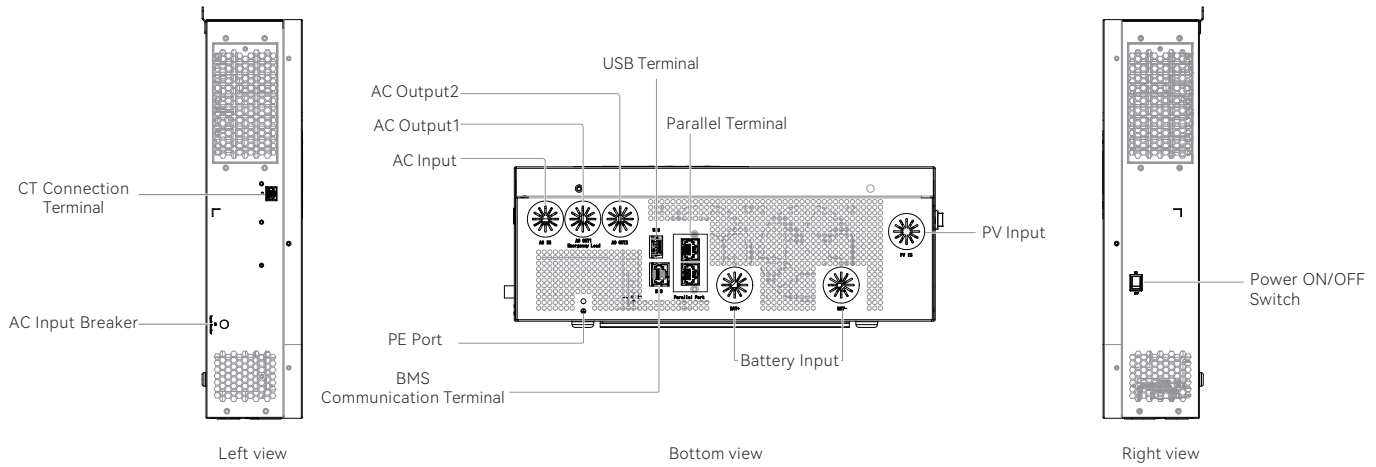
							易能数字能源技术有限公司			
标记	处数	分区	更改文件号	签名	年、月、日				 	
设计	夏雨诗		标准化	李丽娜		重量	版本号	比例	5KW-48V&6.5KW-48V IP21 - Quick Installation Guide	
审核	郑群波						01			
热审核						共 1 张 第 1 张				
工艺	魏武		批准							

Quick Installation Guide

Off Grid Solar Inverter

5kW-48V & 6.5kW-48V IP21

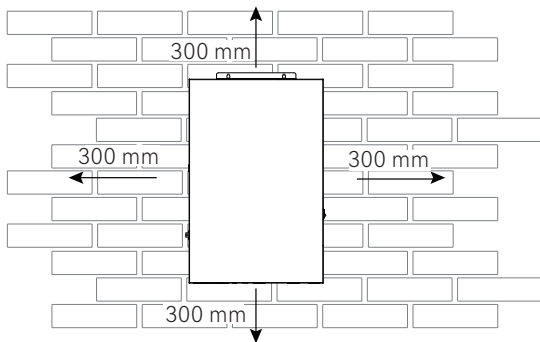
1. OVERVIEW



*Diagrams are for reference only; refer to the actual product. Specifications are subject to change without notice.

2. PREPARATION

Mounting Unit



Packing List

Qty	Items
1	Inverter
2	Expansion Screw
-	Document
4	M3*8 Screw
9	Tubular Terminal



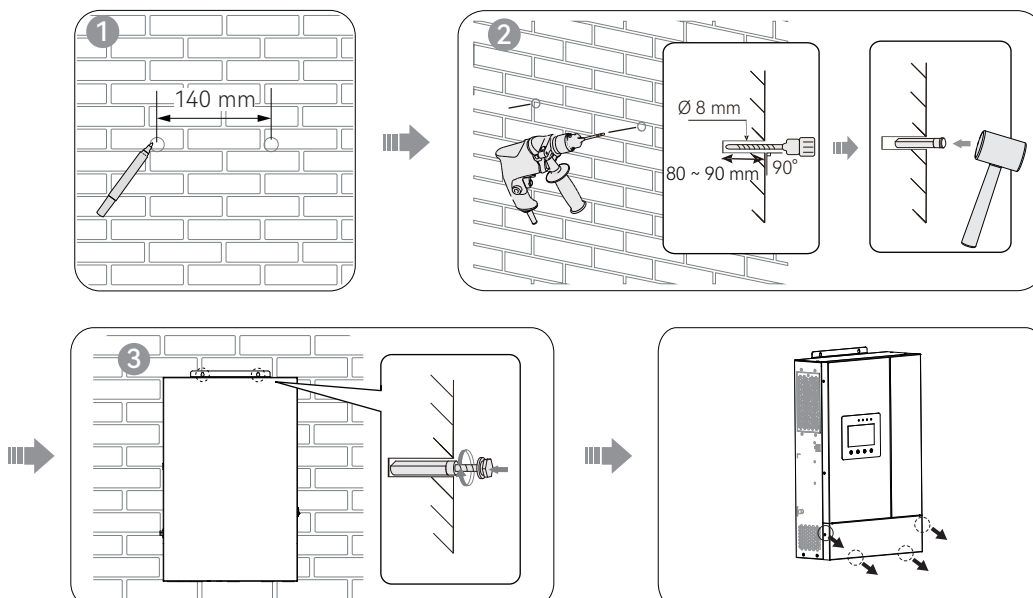
Warning:

Inverter is suitable for mounting on concrete or other non-combustible surface only.

3. QUICK INSTALLATION

A

Installation Inverter



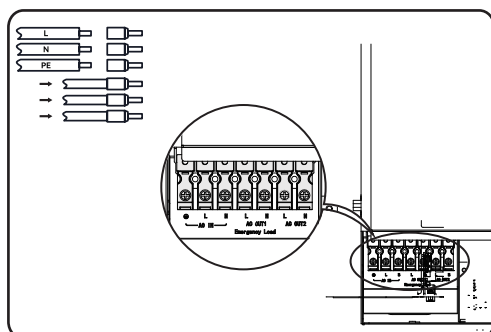
Quick Installation Guide

Off Grid Solar Inverter

5kW-48V & 6.5kW-48V IP21

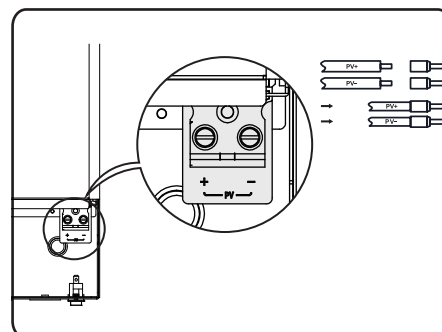
B

AC Connection



C

PV Wire Connection



D

Battery Connection

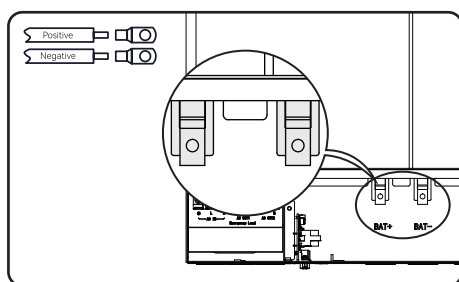
Lead-acid Battery Connection



Note:

For lead-acid battery, the recommended charge current is 0.3C (C > battery capacity).

- 1 Connect the power cable.

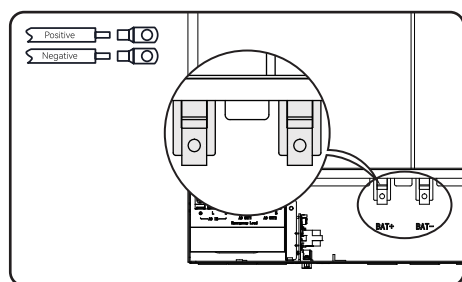


- 2 Connect all battery packs as units requires. It's suggested to connect at least 100 Ah capacity battery (all packs).

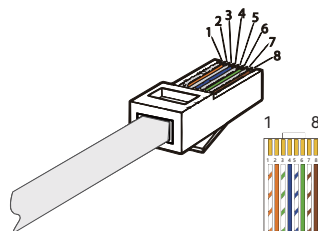
Lithium Battery Connection

Check the compatibility of the protocol first, ensure the communication protocol is RS485 or CAN.

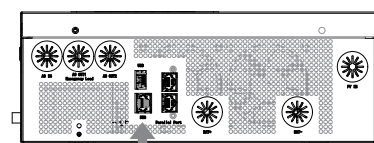
- 1 Connect the power cable.



- 2 Connect the RJ45 terminal of the battery communication cable to the BMS communication port of the inverter.



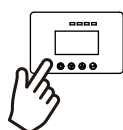
- | | |
|-----------------------------|----------------------------|
| 1 White with orange stripes | 5 White with blue stripes |
| 2 Orange | 6 Green |
| 3 White with green stripes | 7 White with brown stripes |
| 4 Blue | 8 brown |



Communication cable

PIN	BMS Port	PIN	BMS Port
1	RS485B	5	CANL
2	RS485A	6	/
3	/	7	/
4	CANH	8	/

- 3 Please set the battery type to "LiB" in Menu 5.



- 4 Then enable the BMS function in Menu 44 and select the corresponding protocol.

