

V 1.0.0
10-203-00764-00-X

Inverter *1	Right side cover *1	Left side cover *1	Anti-tip bracket *1	Battery base *1	Communication connector *1	AC connector *1	PV connectors *3	PV pin contacts *3	Battery module *1
Meter*1	Ethernet cable terminal *3	Handle *2	Expansion tube *2 & Expansion screw *2	Earth terminal *1	Quick installation guide *1	Battery footstand *4	Waterproof cover *1	PV Unlocking tool*1	Set screw *2
Stackable AIO Box					Battery Box				

1

2

3

4

5

6

7

8

9

Battery NO.: Depends on battery series.

Note: Install the waterproof cover according to the direction shown in the diagram.

PV String

EMS

GSD (For AU)

RJ45

LAN METER/CT DIN

BATT ON

OFF

ON

SYSTEM DC SWITCH

BATTERY/CHARGE

USB

COM Connector

Grid

Backup

Home load

Grounding

Note: Internal Wi-Fi integrated. No external dongle required.

DONGLE

U disk

1 Strip the insulation from the cable.

s (mm²)	L (mm)
6	7.5±1
10	9.5±1

2 Connect the bare cable to the earthing terminal.

3 Connect the earthing cable to the main earthing terminal.

Note:

- Earth wire size shall match phase wires or comply with local regulations.

Legend:

- C M5 PH2 2N·m

1 Cable preparation: Strip 6±1 mm of the outer jacket. Strip 6±1 mm of the insulation from the conductors. Strip 6±1 mm of the insulation from the shield. Crimp the conductors onto the terminal. Crimp the shield onto the terminal. S: 2.5~6 mm².

2 Tightening the terminal: Torque 2.6~2.9 N·m.

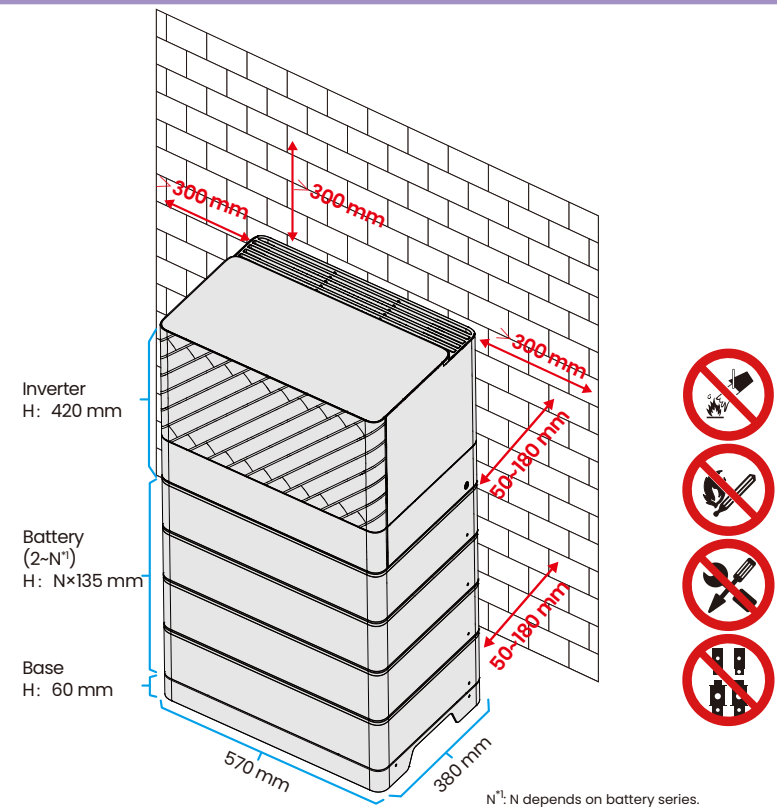
3 Insulation and testing: Insulate the terminal. Test for voltage ≤ 950 V.

4 Final assembly: Insert the terminal into the enclosure. Secure the terminal with the enclosure cap. Bend the cable at a 90° angle. Bend radius R ≥ 6 × OD. Bend length ≥ 100 mm. Bend radius ≥ 90°.

- 1. Packing List
- 2. Installation Procedure
- 3. System Diagram
- 4. Grounding Connection
- 5. PV Connection
- 6. AC Connection
- 7. BACKUP Connection
- 8. RJ45 Connection
- 9. COM Connection
- 10. System Commissioning

Inverter	Battery Series	Battery No.
Inverter	EQ4800-S	2-9
	EQ5500-S	
	EQ3300-S	2-6
	EQ3300-S (w)	
	EQ5000-S	
	EQ5000-S (w)	
	TQ4800-S	2-9
	TQ5500-S	
	TQ5000-S	2-6
TQ5000-S (w)		

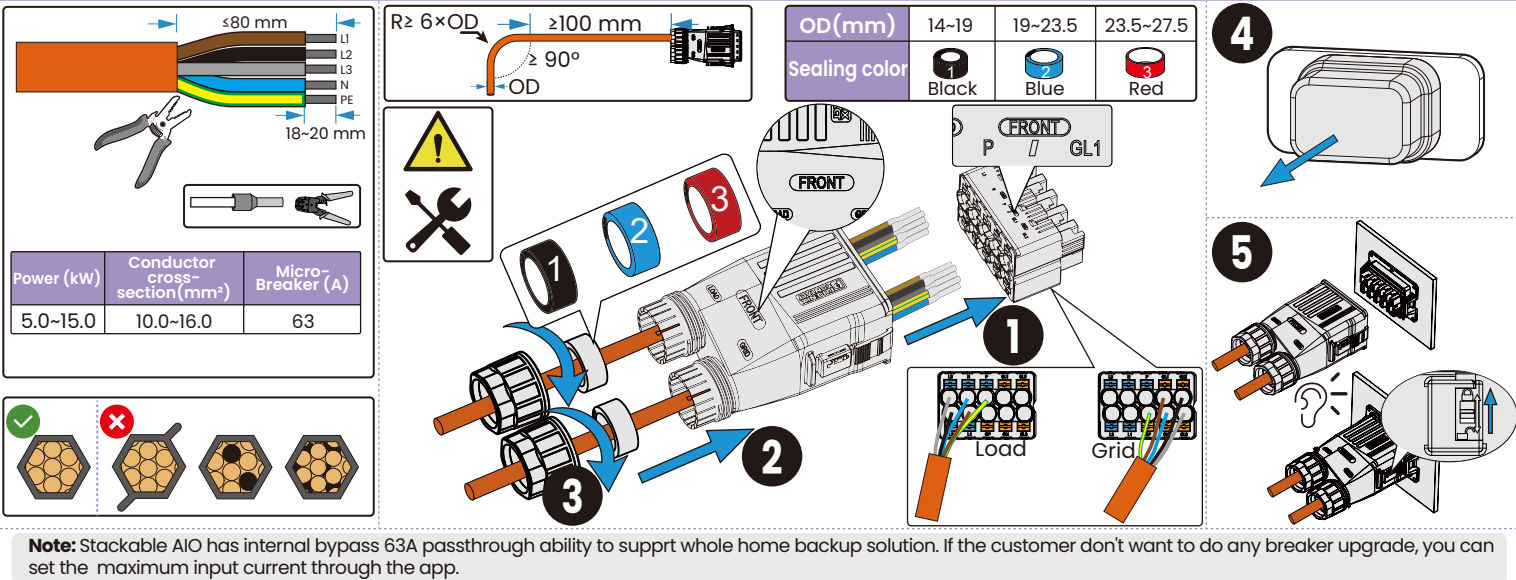
Note: For battery series selection, please consult local sales representative



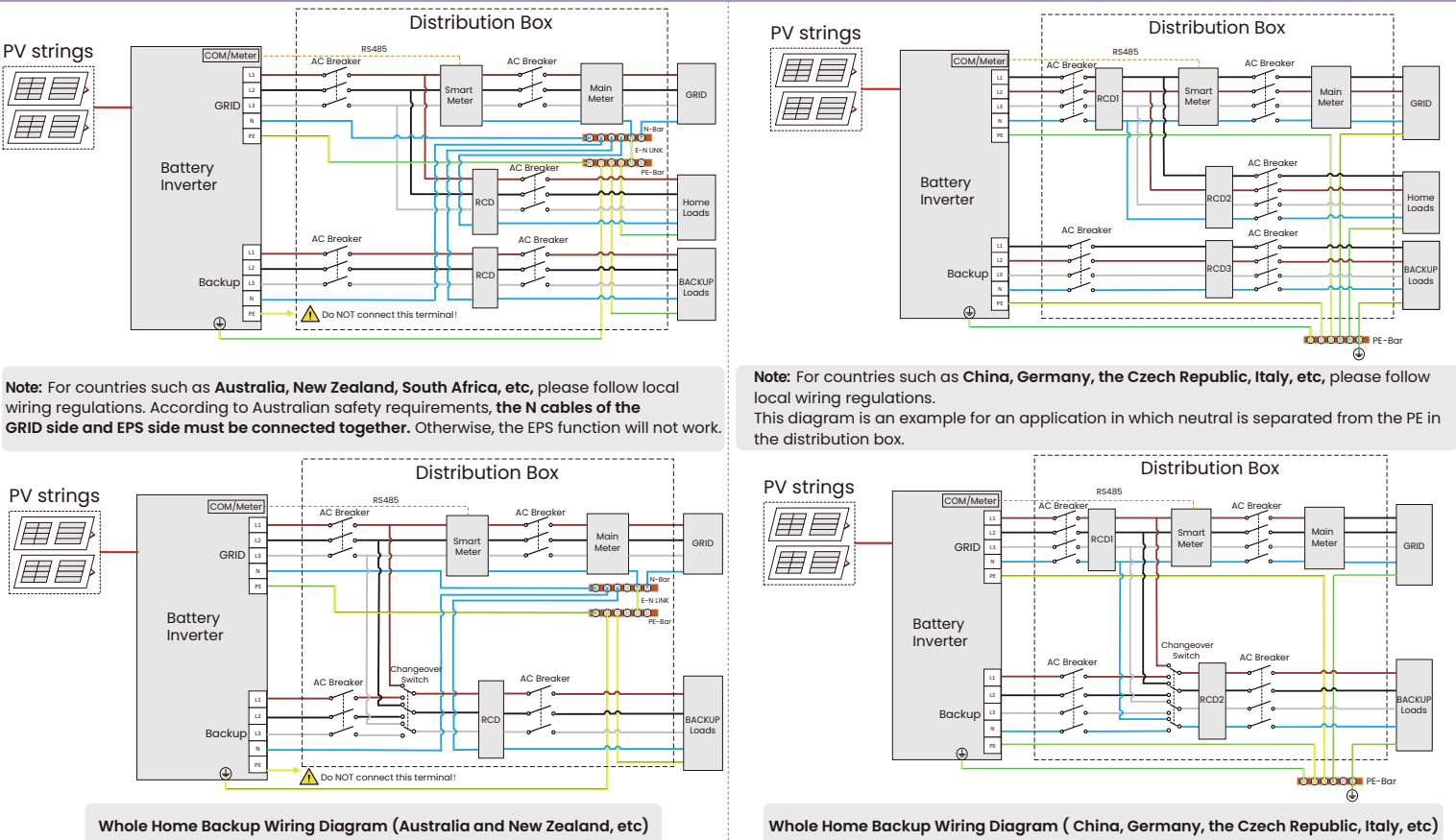
Note:

- All installation procedures must fully comply with all applicable regional and industry standards, covering cable selection, wiring, protective devices, and overall installation practices.

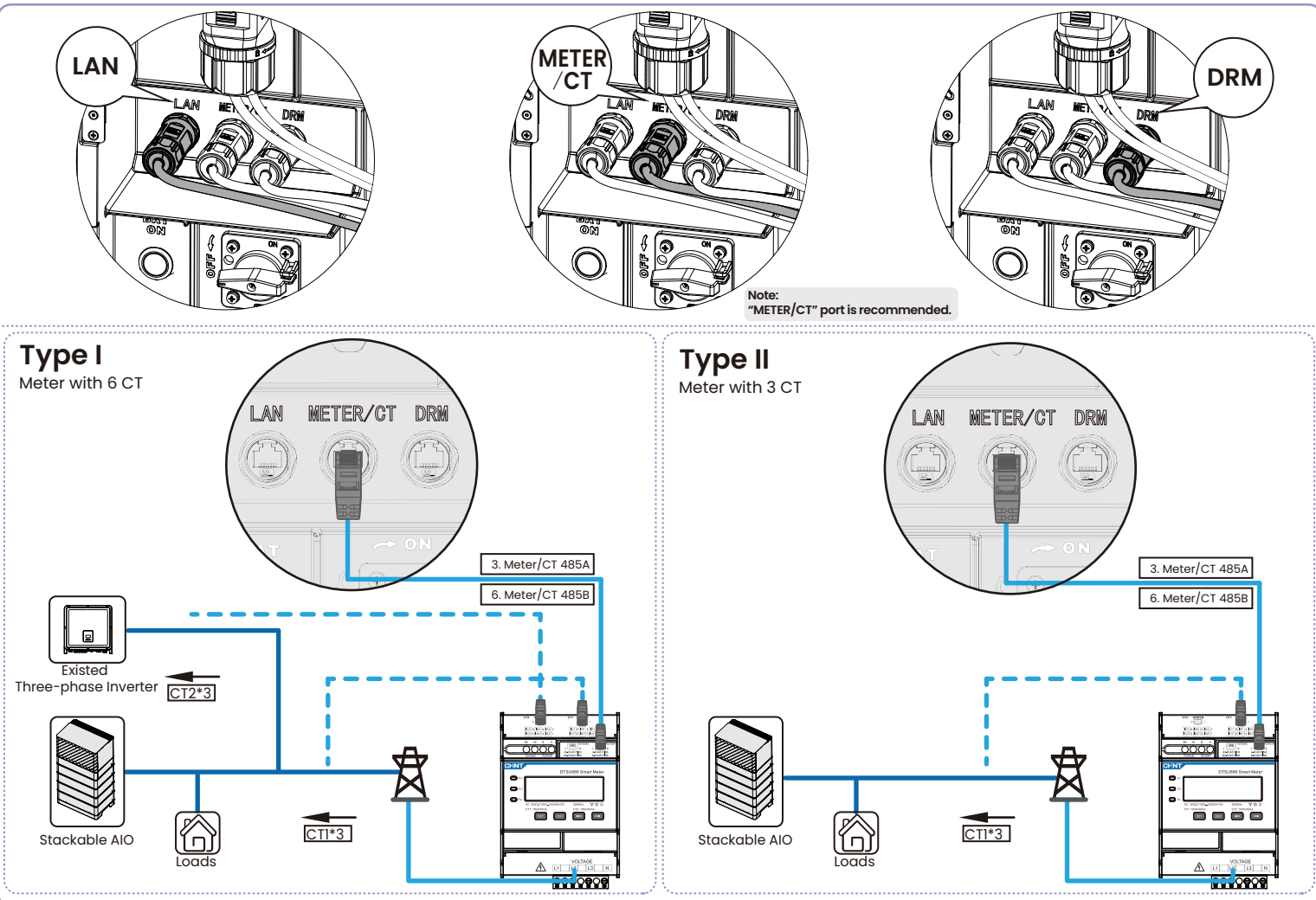
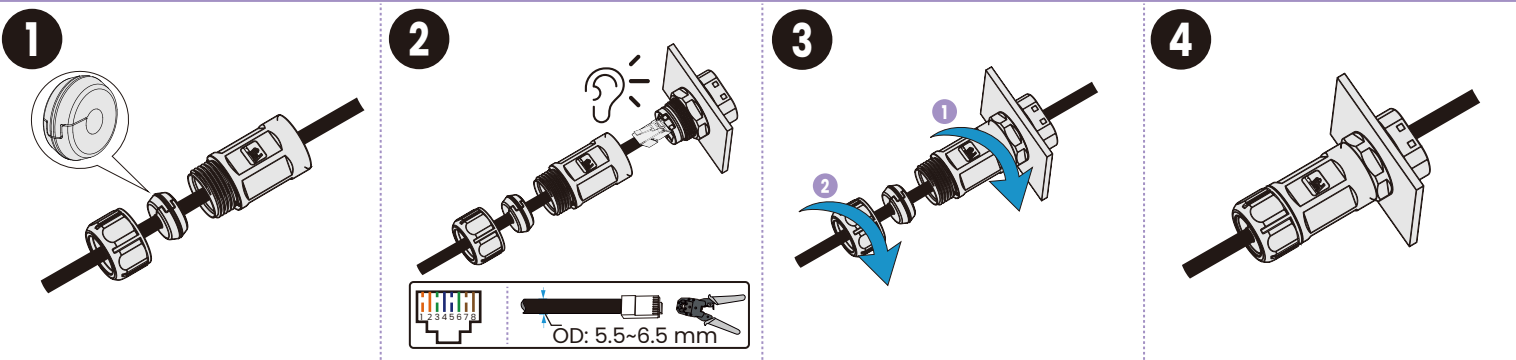
6. AC Connection



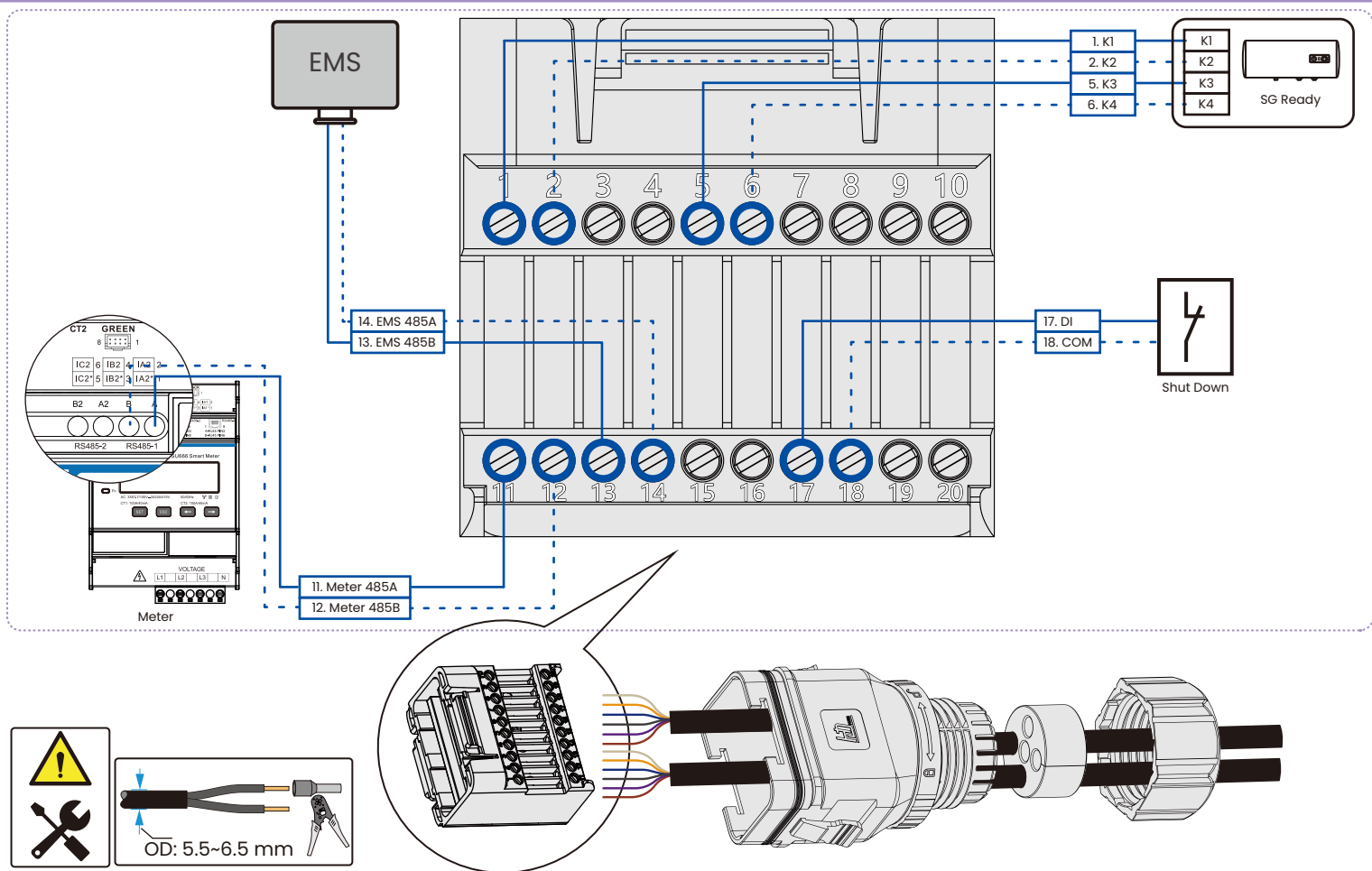
7. BACKUP Connection



8. RJ45 Connection



9. COM Connection



10. System Commissioning

