

## Quick Installation Guide

### 1. Tools Required

The following tools will be required to install CM (Cube Master) and CS (Cube Slave).

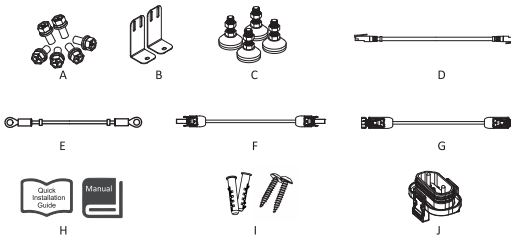


### 2. Packing List

For CS :

No.	Items
A	Mounting screw pack
B	Installation guide & User manual

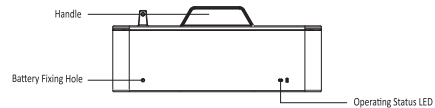
For CM :



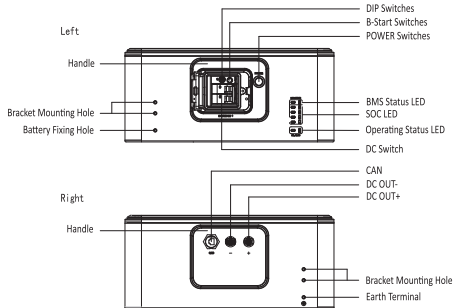
No.	Items	No.	Items
A	Mounting screw pack	F	DC positive output cable (1.2m)
B	Fixing bracket	G	DC negative output cable (1.2m)
C	Footstand	H	Installation guide & User manual
D	Communication cable (BMS-inverter) (1.2m)	I	Expansion tube*2 & Expansion screw*2
E	Grounding cable (1.2m)	J	Waterproof cover

### 3. Terminals

For CS :



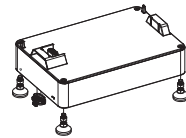
For CM :



### 4. Installation Steps

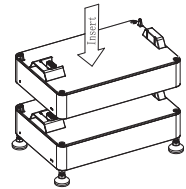
#### Step 1

Install a CS with four feetstand (Item C) and place it on the ground and adjust it to the level. After installing the feetstand, use a track level bar to confirm the level. Insert the waterproof cover (Item J) into the bottom of the battery and lock it in place with the clip.



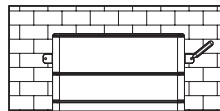
#### Step 3

Stack the batteries one by one.



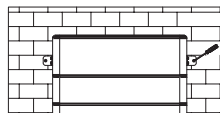
#### Step 5

Mark the wall through the bracket hole.



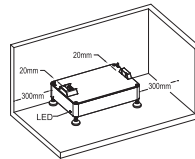
#### Step 7

After stacking CM again, fix the battery on the wall.



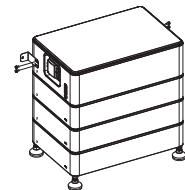
#### Step 2

Place the battery 20mm against the wall. Note: Please make sure the Operating Status LED is on your left handside when you facing the battery model.



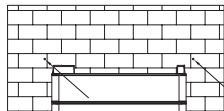
#### Step 4

Place the two fixing brackets (Item B) close to the wall and install them on both sides of the battery.



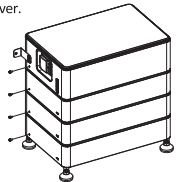
#### Step 6

Punch after removing the CM. Drill holes with electric drill, make sure the holes are at least 50mm deep, and then tighten the expansion tubes (Item I).

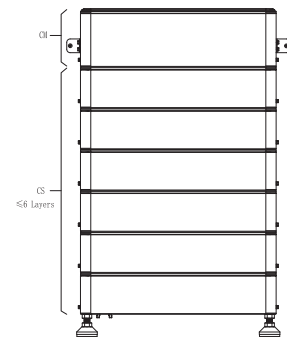


#### Step 8

Fix the mounting screw packs on both sides of the battery, the installation is over.



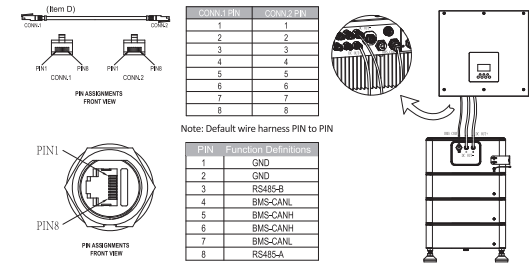
Note: Please make sure each system including 1 CM and 1 CS. CS less than 6 pieces:



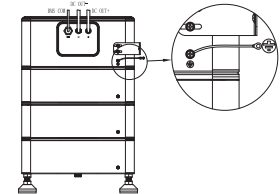
### 5. Wiring Steps

A: Connect the inverter and make sure the wiring position is correct, as shown in the figure below.

Note: Inverter wiring refer to the inverter user manual.



B: Connect the grounding cable. The figure is shown in below.



### 6. System Start Up

CM operation:

1. Before starting, please dial DIP to the correct position. DIP represents the number of CS in the system. Please refer to the following table for details:

DIP position	CS
0	1
1	2
2	3
3	4
4	5
5	6

2. Normal mode: When there is PV and grid access, turn on DC switch first, then press "POWER" button.  
3. Black start: When there is no PV and grid access, turn on DC switch first, then press "POWER" button, then press and hold "B-Start" button and release it after 10s.

Startup steps:

Turn on DC switch and press the POWER switch. Alarm display and Alarm LED on CS/CM will light up at the same time for 1s to prove that the system is powered on successfully. The control panel is shown in below.

