Quick Installation
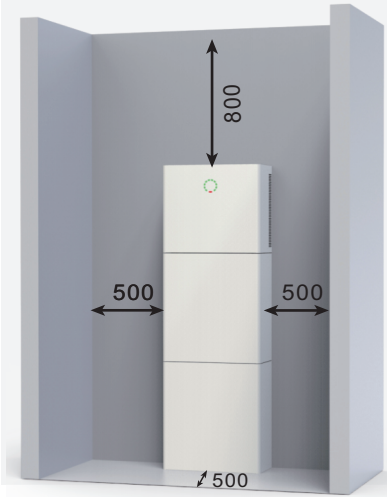## V1.0

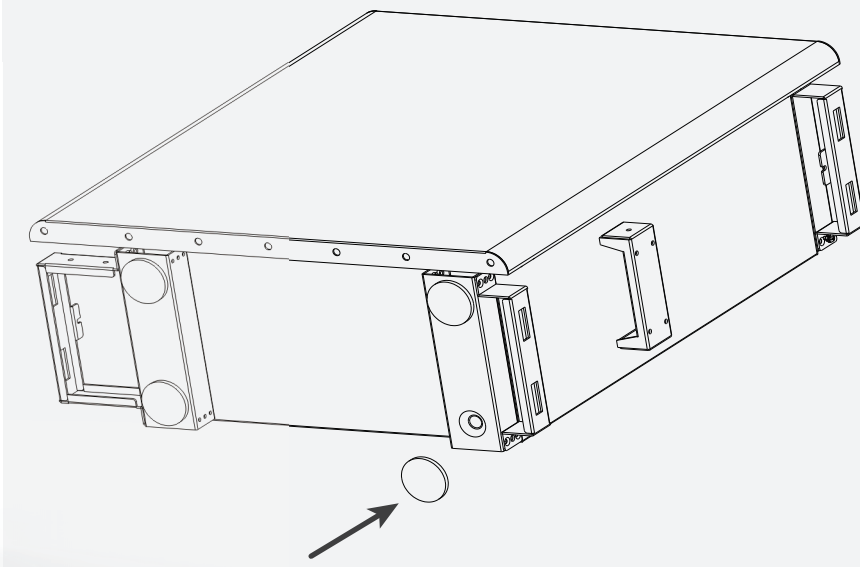Note:Please read the Agave user manual carefully before installation.

A Installation Space
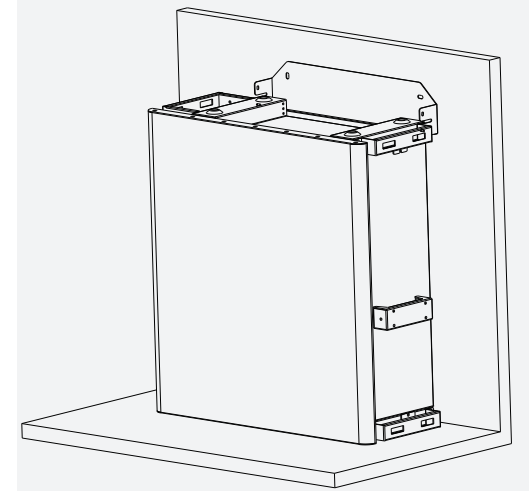
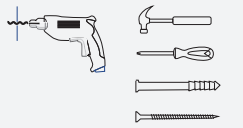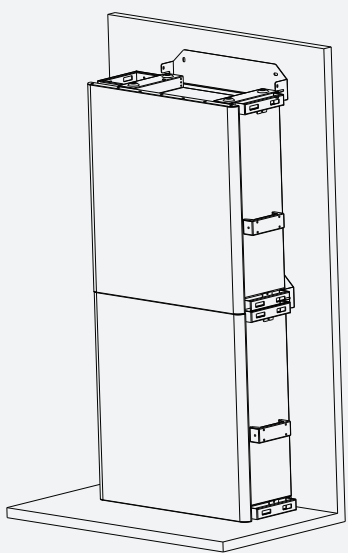(1) 500mm beside the SPHA
(2) 800mm beside the SPHA
(3) 500mm beside the SPHA
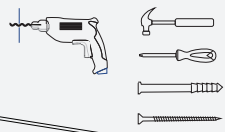
800

500   500

500

STEP 1

STEP 2

STEP 3

STEP 4
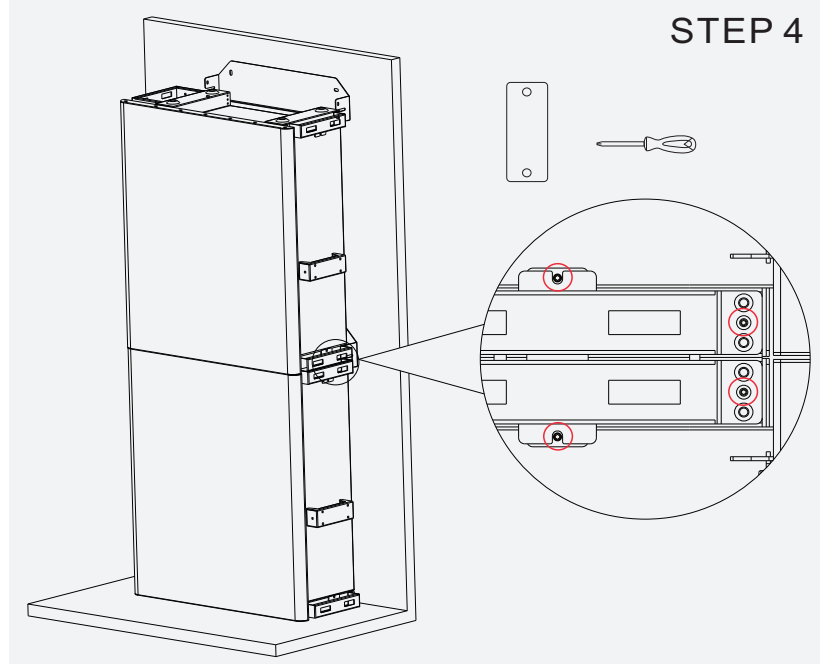
STEP 5
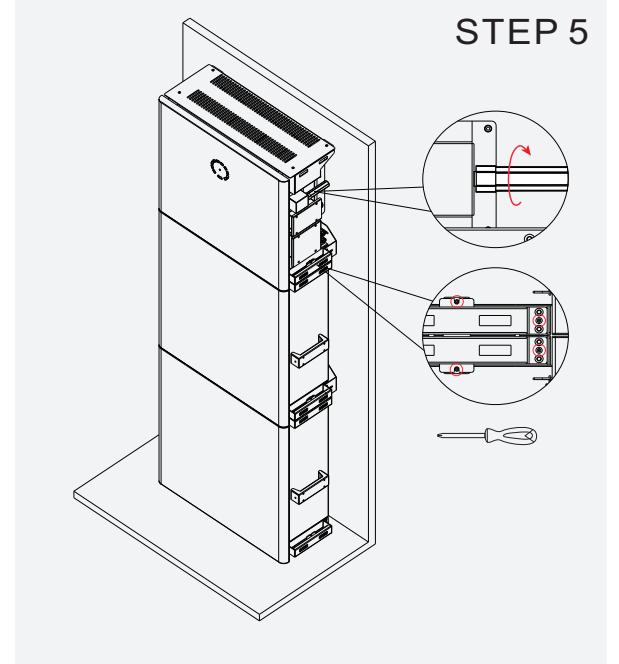
STEP 6
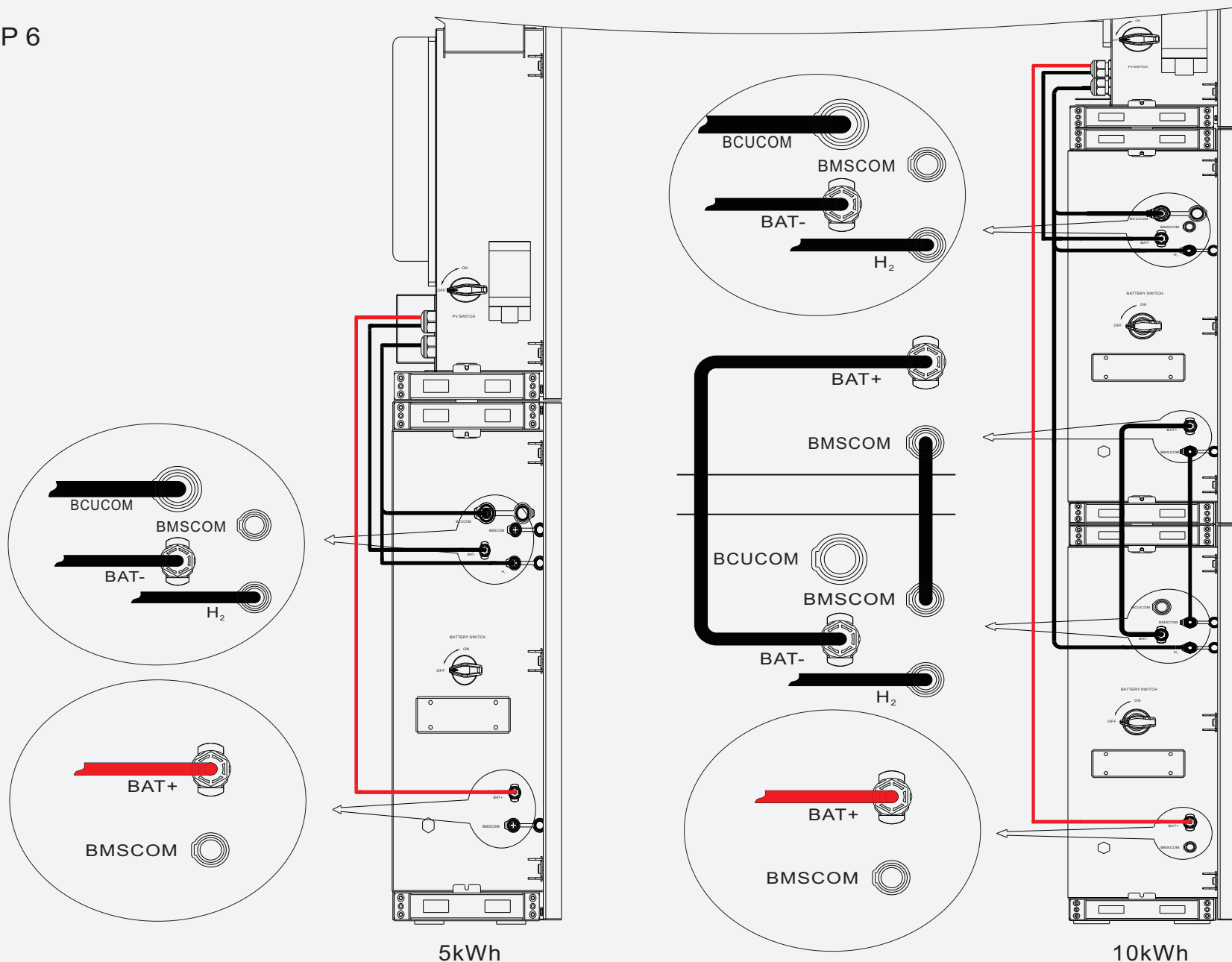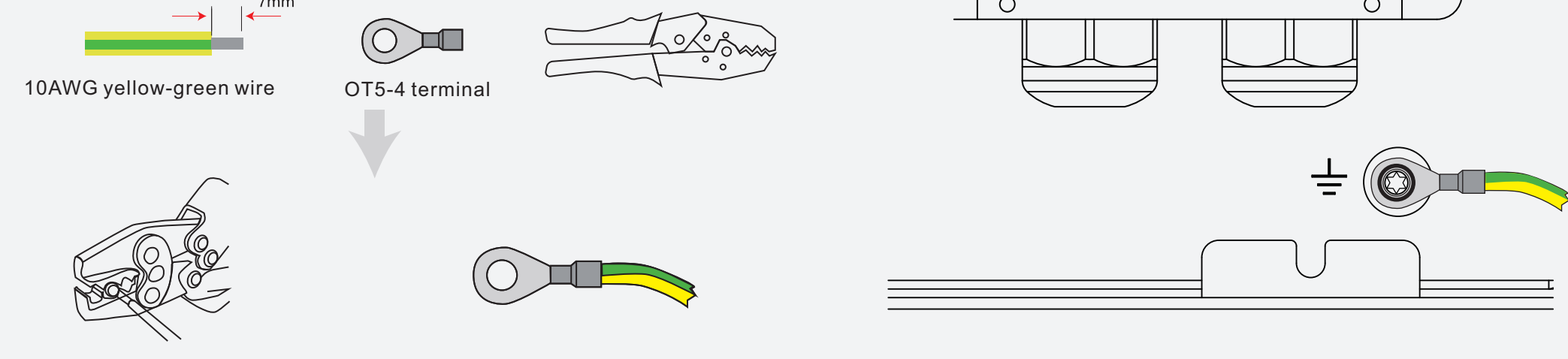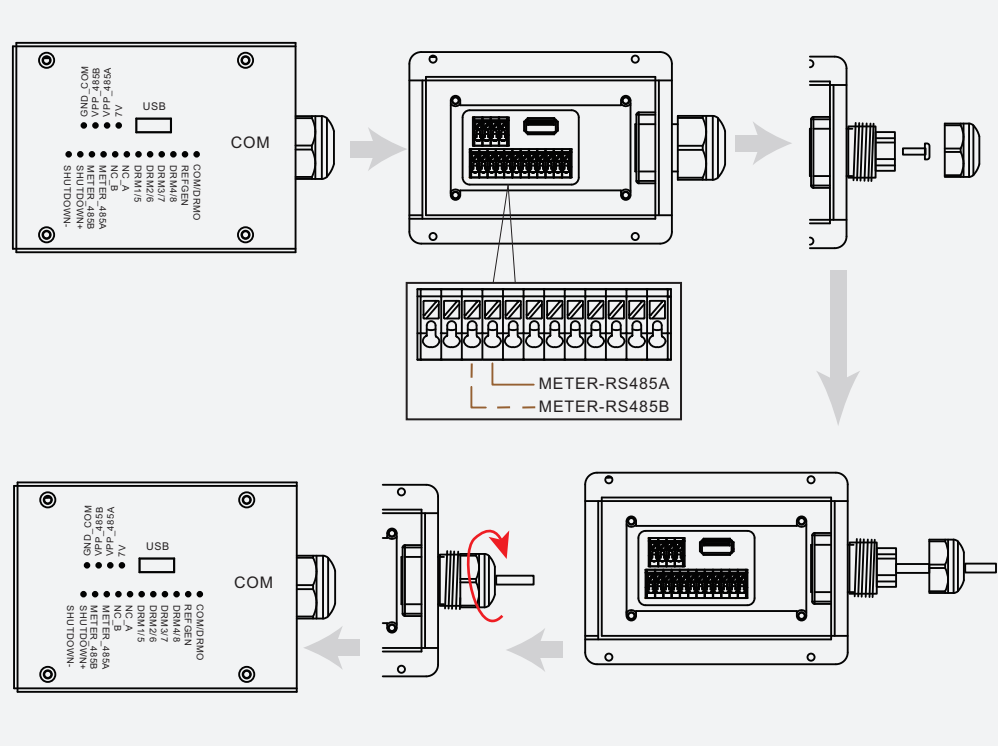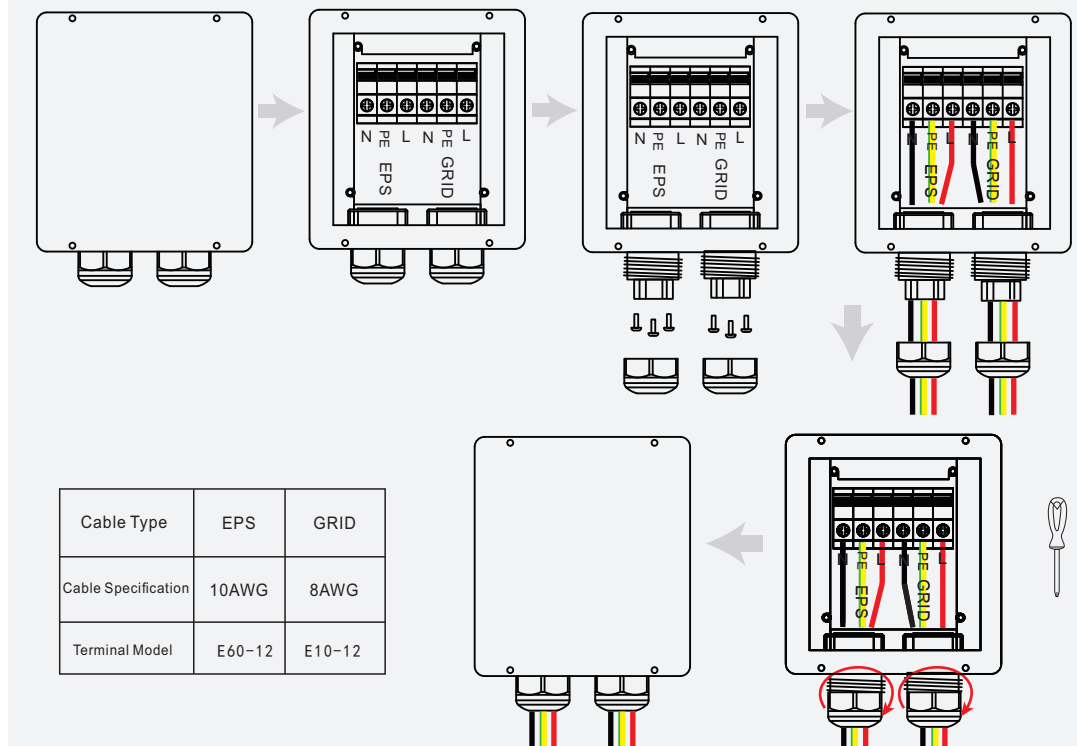
BCUCOM
BMSCOM
BAT-
H_2

BAT+
BMSCOM

BCUCOM
BMSCOM
BAT-
H_2

BAT+
BMSCOM

BAT+
BMSCOM

BCUCOM
BMSCOM
BAT-
H_2

BAT+

5kWh

10kWh

STEP 7

7mm

10AWG yellow-green wire

OT5-4 terminal

STEP 8

USB

COM

METER-RS485A
METER-RS485B

USB

COM

STEP 9

Cable Type	EPS	GRID
Cable Specification	10AWG	8AWG
Terminal Model	E60-12	E10-12

N PE L N PE L
EPS   GRID

PE-EPS   PE-GRID

STEP 10

7mm + M C4 series

7mm –

PV1+
PV1-
PV2+
PV2-

Quick Installation
V1.0

Note:Please read the Agave user manual carefully before installation.

STEP11
Please select breaker according to the specification below:

Single Phase Meter

VPP-485B
VPP-485A — only for VPP application scenarios

METER-RS485A
METER-RS485B

House Load

Power Meter

Acrel

Run
Com
R-P

FN Set ▲ ▶ ◀

1 2 3 4 13 12
5 6 7 8 9 10 21 22 23

WIFI

④

①

OUT1 / OUT1+ / OUT2 / OUT2+ — IN2+ / IN2- / IN1+ / IN1-

PV2

PV1

PV1- / PV1+ / PV2- / PV2+

*Note:Only used in Australia and New Zealand

CT

③

②

L
N
PE

Grid

Backup Load

*Note:Please refer to User Manual before connect this cable.

RS485A
RS485B

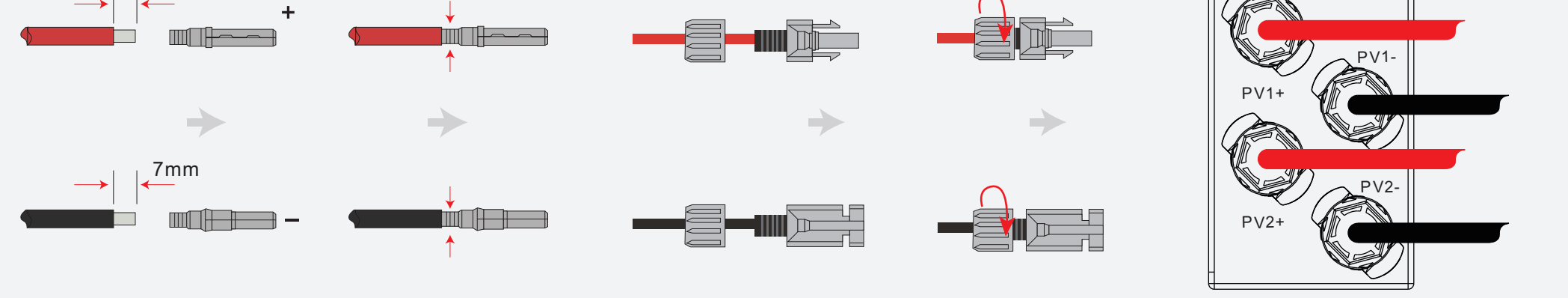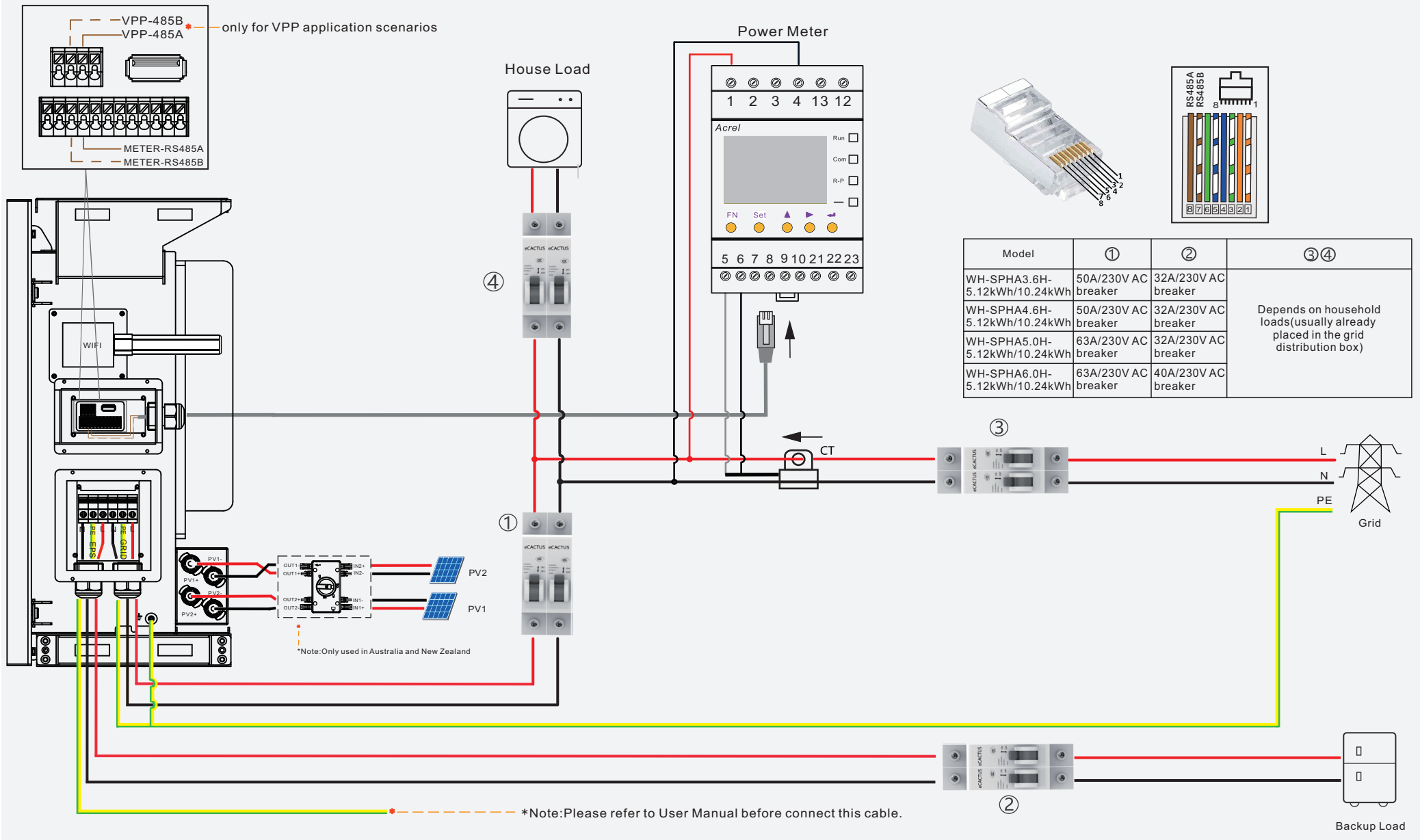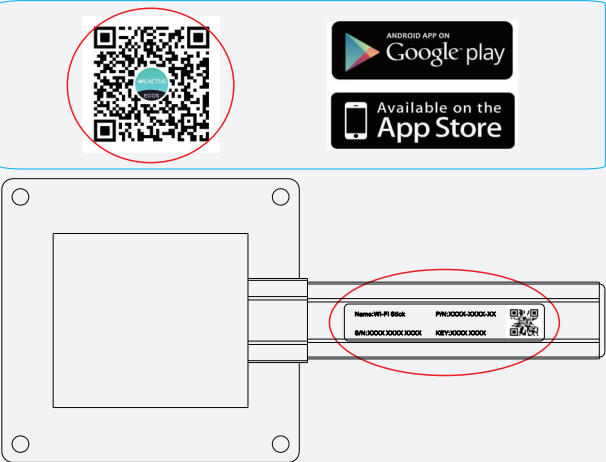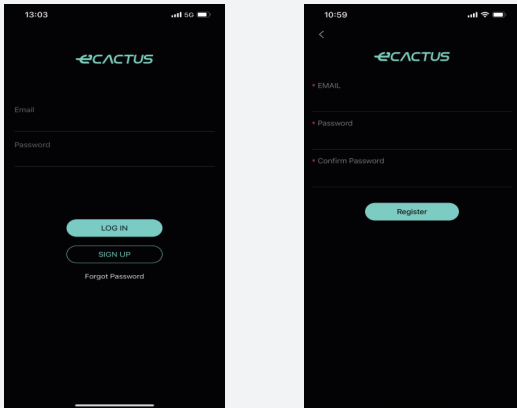| Model	①	②	③④
WH-SPHA3.6H-5.12kWh/10.24kWh	50A/230V AC breaker	32A/230V AC breaker	Depends on household loads(usually already placed in the grid distribution box)
WH-SPHA4.6H-5.12kWh/10.24kWh	50A/230V AC breaker	32A/230V AC breaker	
WH-SPHA5.0H-5.12kWh/10.24kWh	63A/230V AC breaker	32A/230V AC breaker	
WH-SPHA6.0H-5.12kWh/10.24kWh	63A/230V AC breaker	40A/230V AC breaker	

Three Phase Meter

VPP-485B
VPP-485A — only for VPP application scenarios

METER-RS485A
METER-RS485B

House Load

Power Meter

N N
C C
A B

Acrel

Run
Com
R-P

FN Set ▲ ▶ ◀

1 2 3 4 13 12
5 6 7 8 9 10 21 22 23

5 6 7 8 9 10 21 22 23
RS485B
RS485A

WIFI

④

①

OUT1 / OUT1+ / OUT2 / OUT2+ — IN2+ / IN2- / IN1+ / IN1-

PV2

PV1

PV1- / PV1+ / PV2- / PV2+

*Note:Only used in Australia and New Zealand

CT

CT

CT

③

②

A
B
C
N
PE

Grid

Backup Load

*Note:Please refer to User Manual before connect this cable.

Model	①	②	③④
WH-SPHA3.6H-5.12kWh/10.24kWh	50A/230V AC breaker	32A/230V AC breaker	Depends on household loads(usually already placed in the grid distribution box)
WH-SPHA4.6H-5.12kWh/10.24kWh	50A/230V AC breaker	32A/230V AC breaker	
WH-SPHA5.0H-5.12kWh/10.24kWh	63A/230V AC breaker	32A/230V AC breaker	
WH-SPHA6.0H-5.12kWh/10.24kWh	63A/230V AC breaker	40A/230V AC breaker	

STEP 12

1. Inverter must be powered up with only PV power.
2. Need a router with available Internet access to the eCactus application center.
3. An Android or iOS smart phone

STEP1	
1. Scan the QR code on the front of the device to install Android or iOS version eCactus App which depends on the operating system.	
STEP2 1. Open ECOS APP and click the sign up button to register a new user account. 2. Following all the instructions during the sign up process to successfully connect the device with ECOS. 3.The QR code for the product connection ID is on the Wi-Fi stick within the right side of the device.	

NOTE:
1. Please make sure the password is right the same with the router's.
2. If everything is right well, the Wi-Fi LED on inverter will change from double blink
to quartic blink then to solid status, Which means Wi-Fi is connected to eCactus successfully.