

BLUETTI RV Power System

Quick Start Guide v1.0

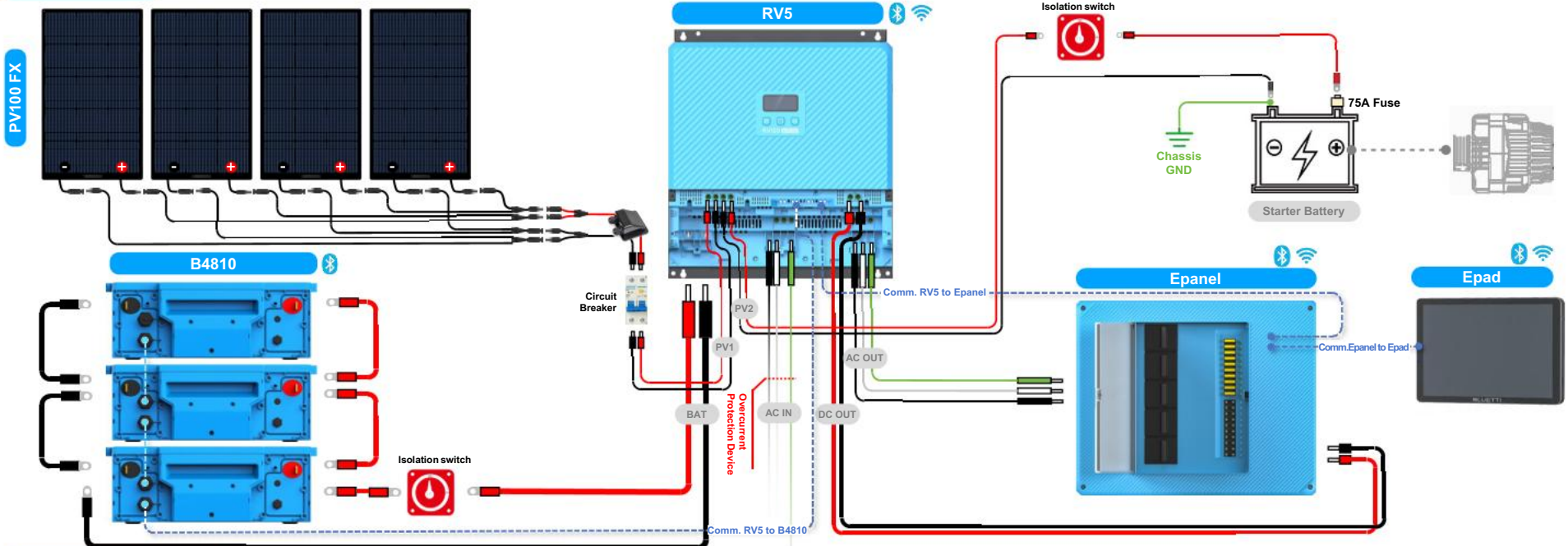
Your Whole Car/Yacht Backup Solution



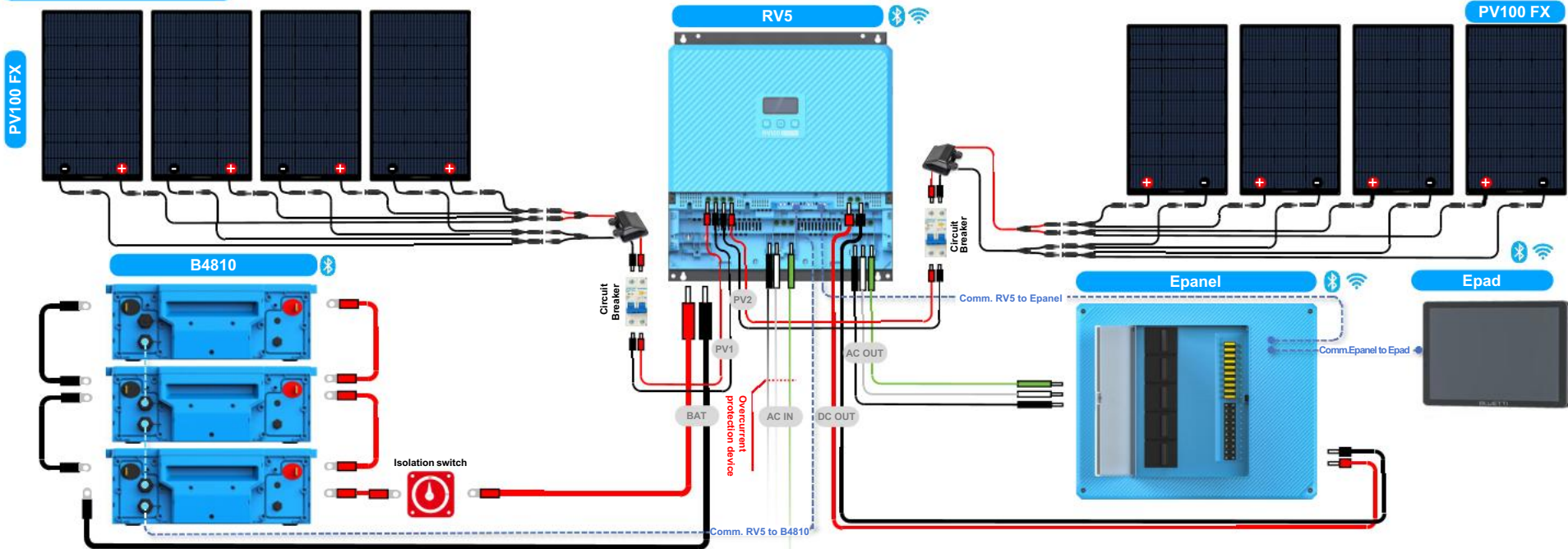
System Wiring

⚠ Use ductwork or cable ducts when necessary. Never run AC and DC cables in the same conduit to prevent interference and safety risks. Avoid excessive pulling of cables during installation to prevent damage to conductors or insulation.

RV system



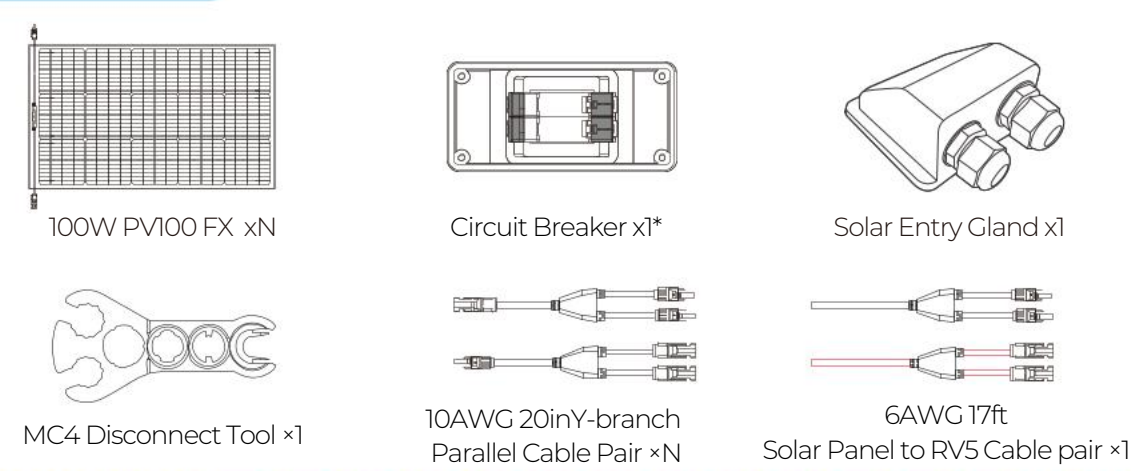
off-grid system



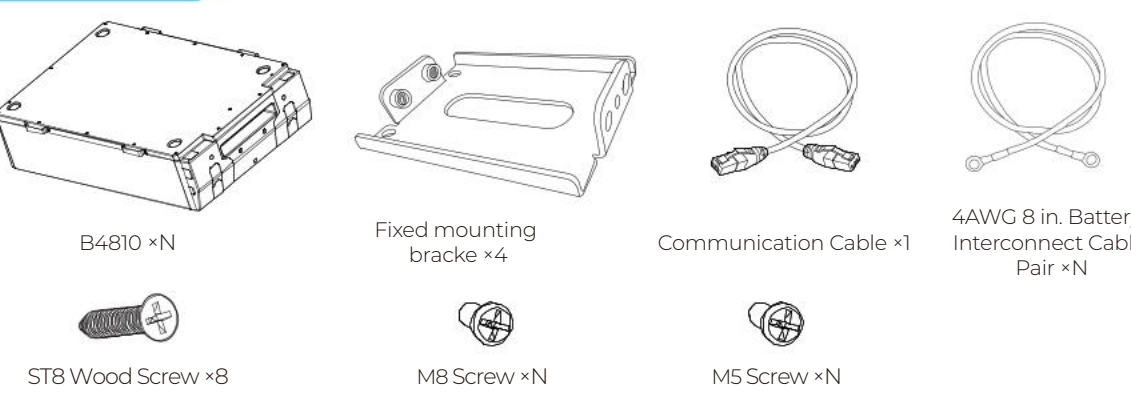
Mounting Kit Contents

* Optional accessories can be purchased on the official website.

I. PV100 FX Set



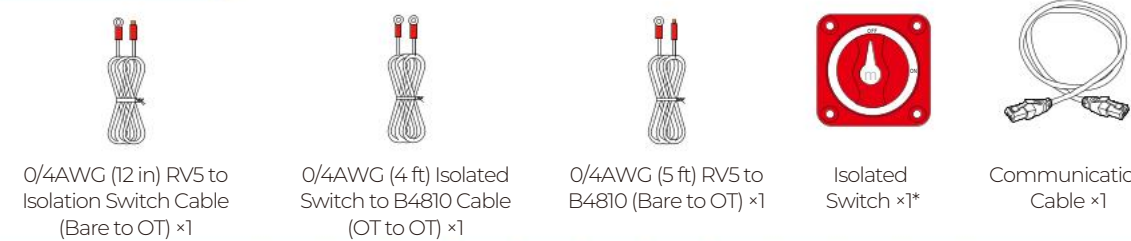
II. B4810 Set



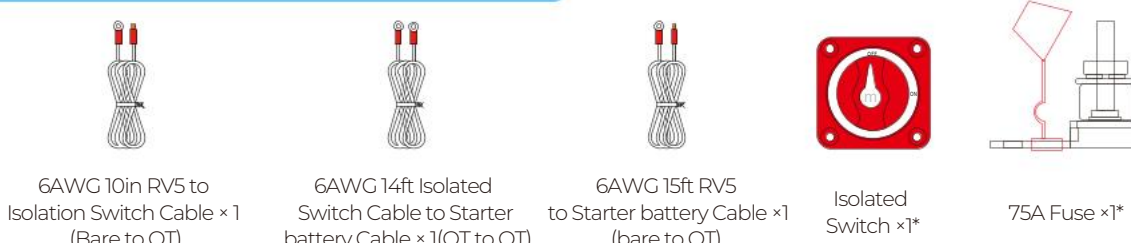
III. RV5



III-1 RV5 to B4810



III-2 RV5 to PV2 (For PV2 Vehicle charging)



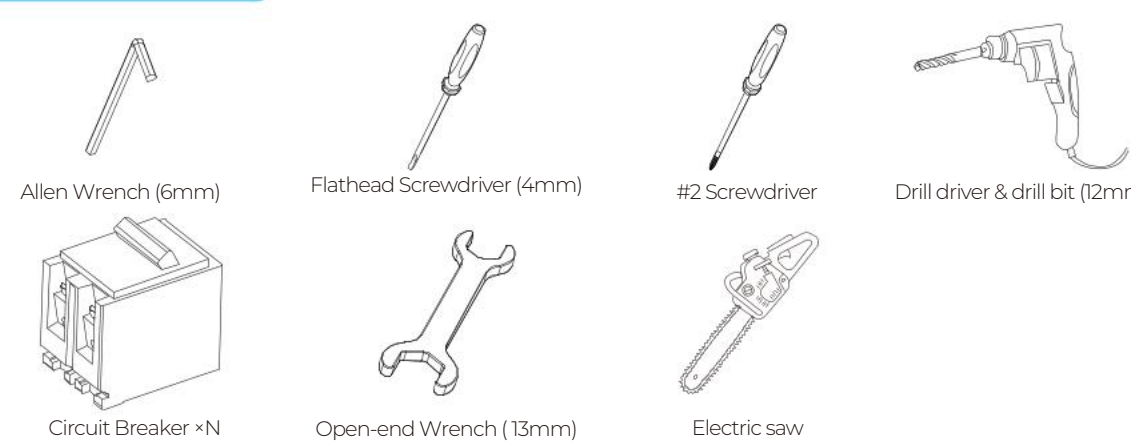
III-3 RV5 to Epanel



Recommended AC Cable Color Codes

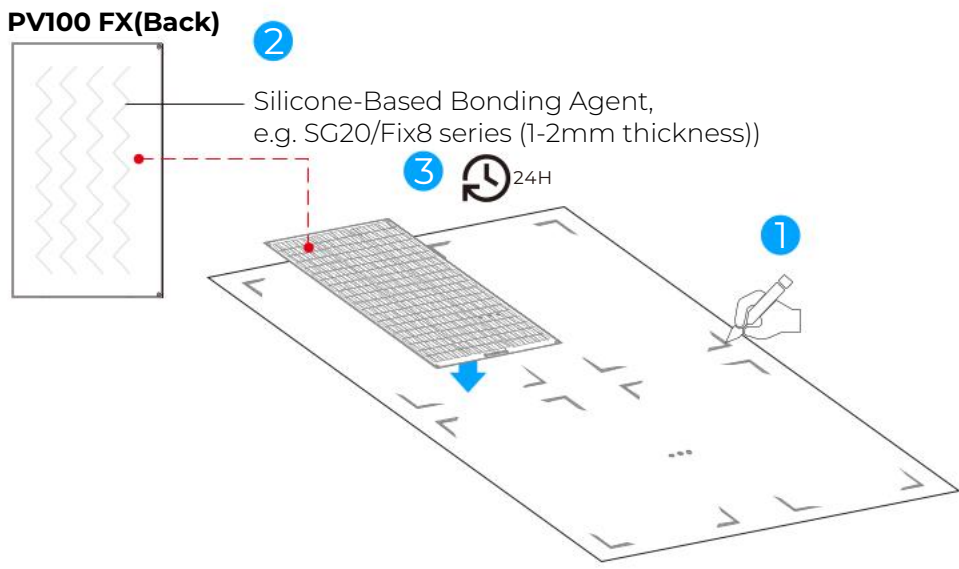
		AC IN				AC OUT	
US	N	L1	L2	G	L	N	G
	○	●	●	●	●	○	●
EU/AU	/	L	N	G	L	N	G
	/	●	●	●	●	●	●

VI. Required Tools

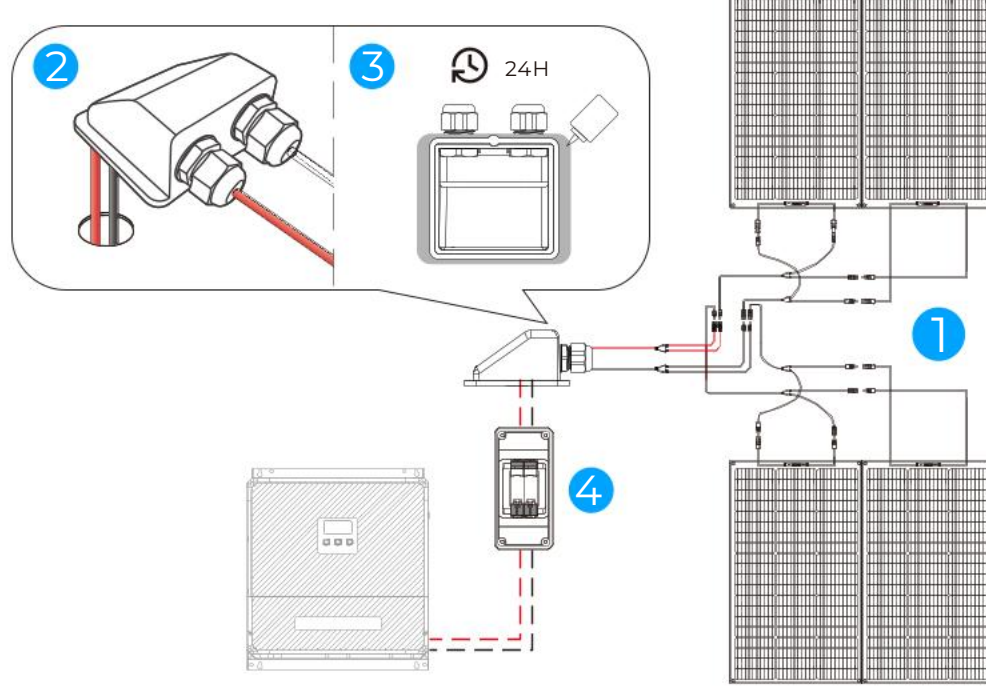


1 PV100 FX

A Rooftop PV Module Fixation

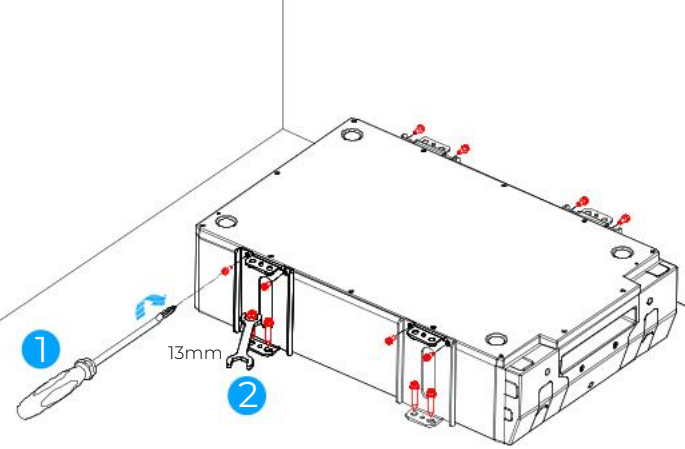


B PV Array-to-Indoor Wiring Transition

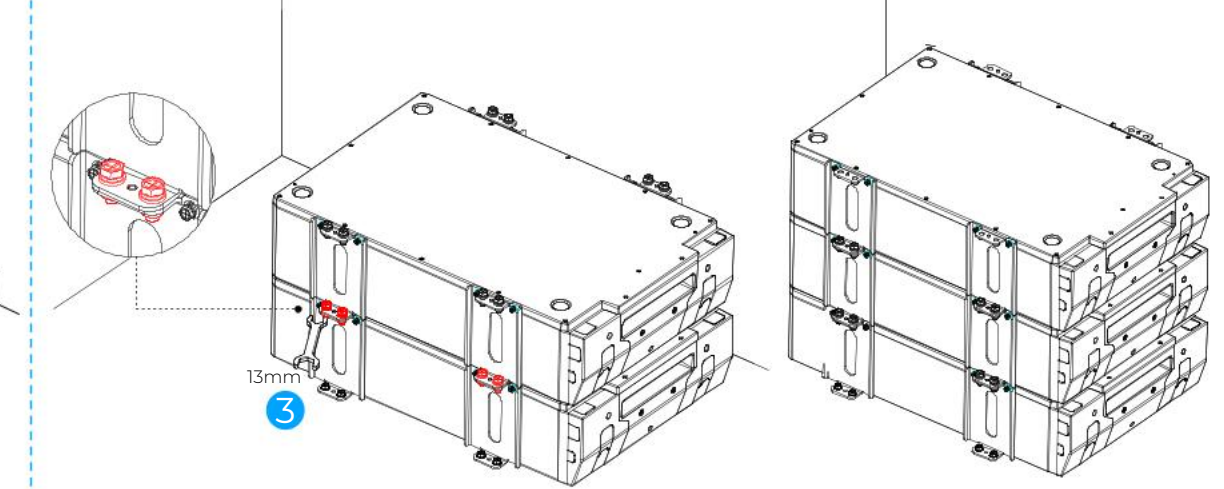


2 B4810 Set

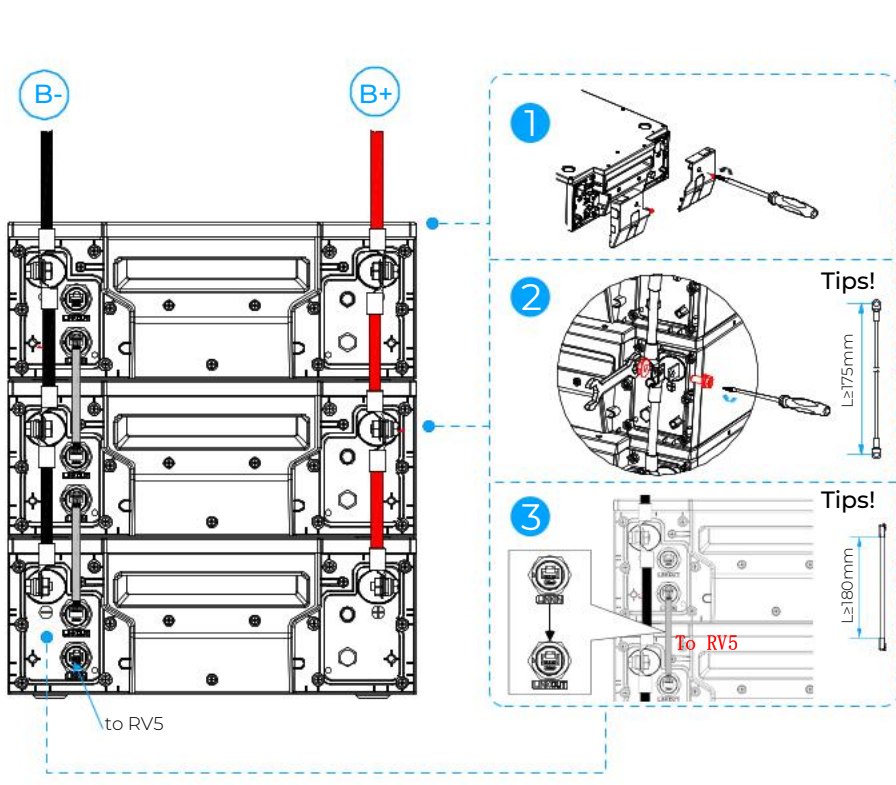
A Floor mounting



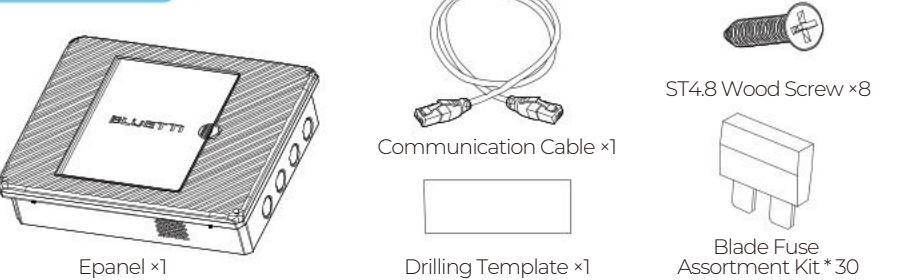
B Stack Mounting



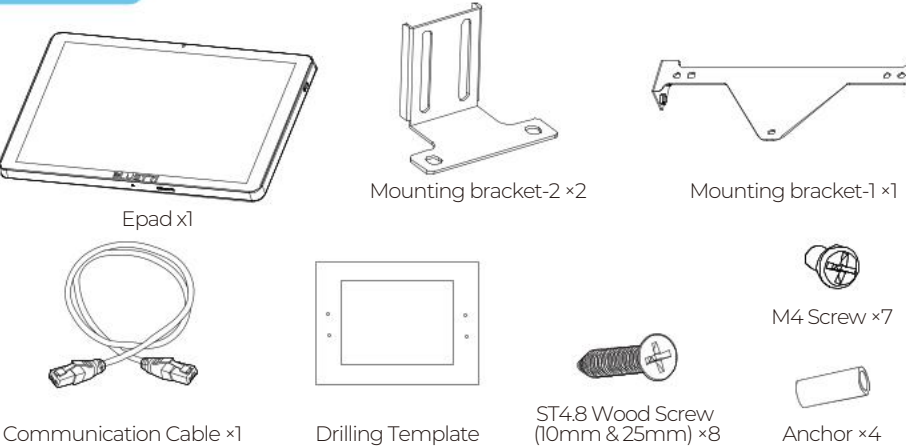
C Parallel Connection



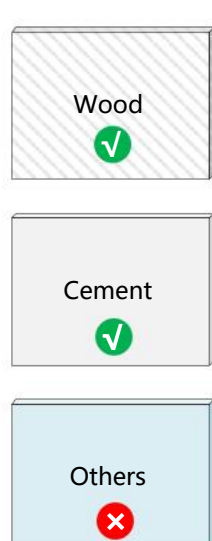
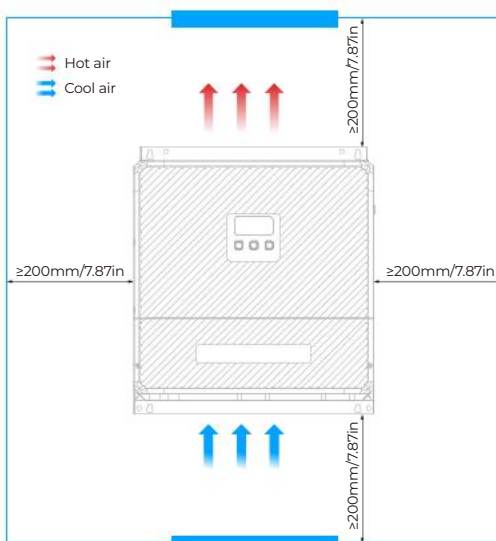
IV. Epanel



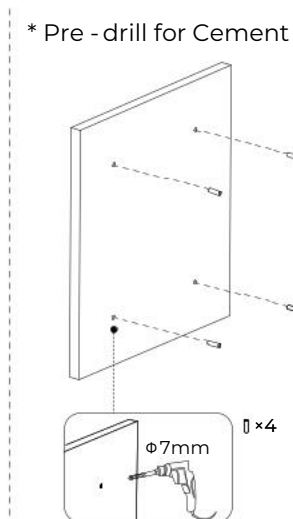
V. Epad



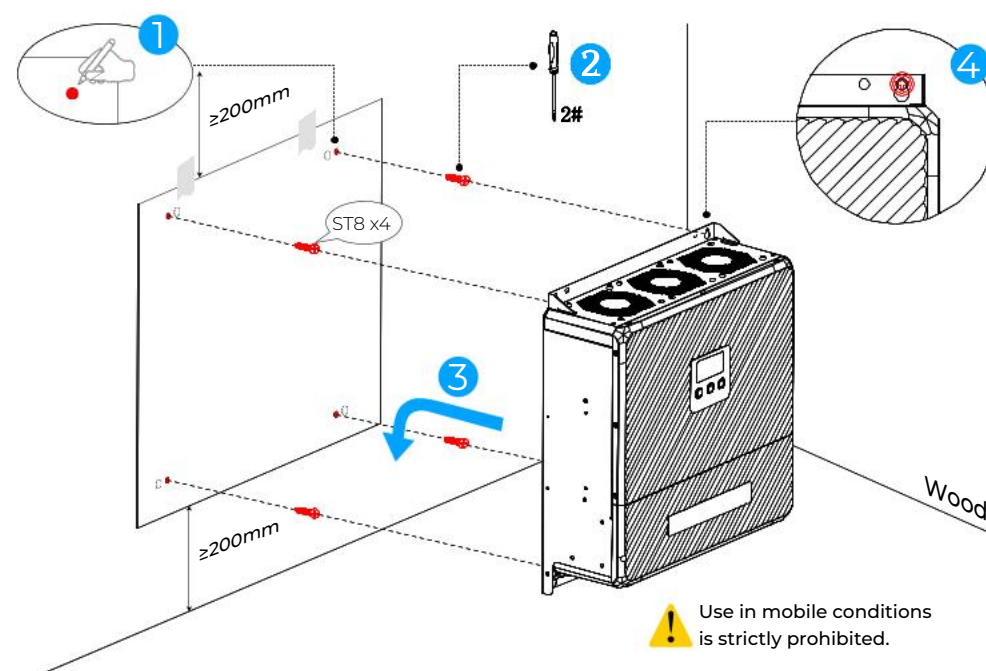
3 RV5



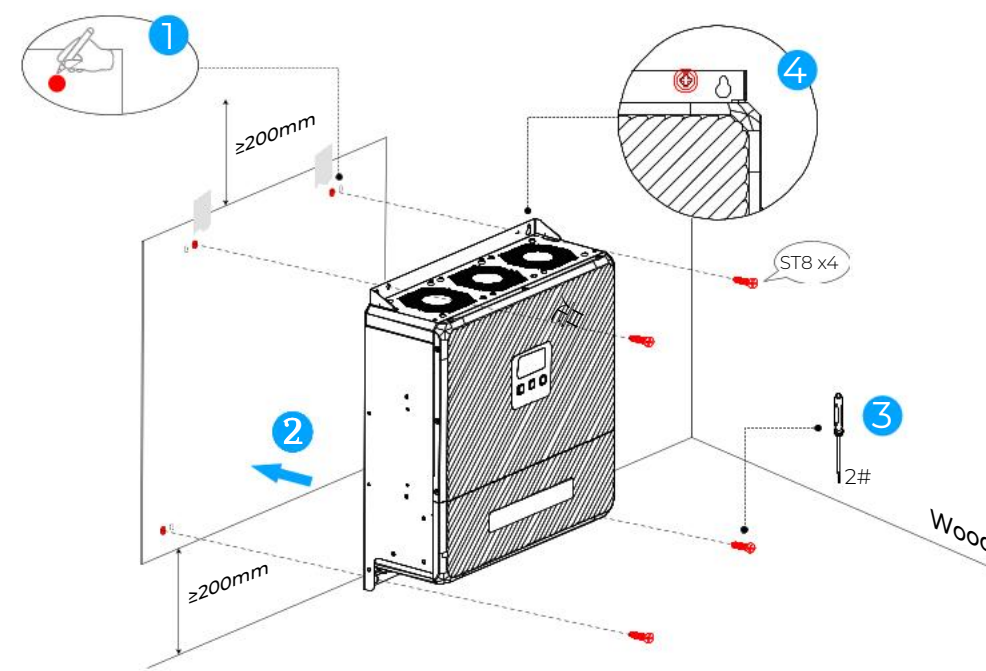
CAUTION



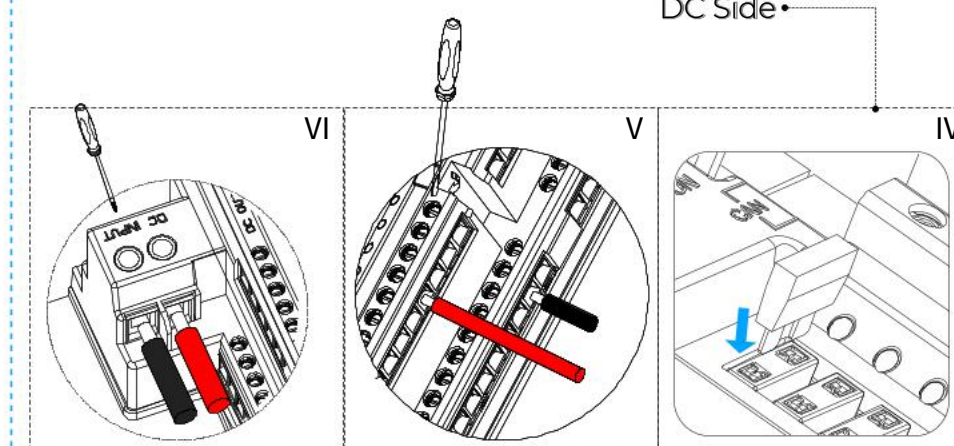
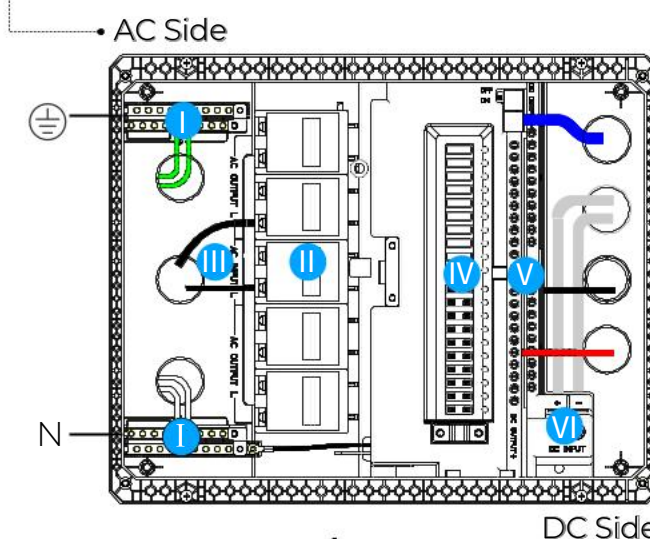
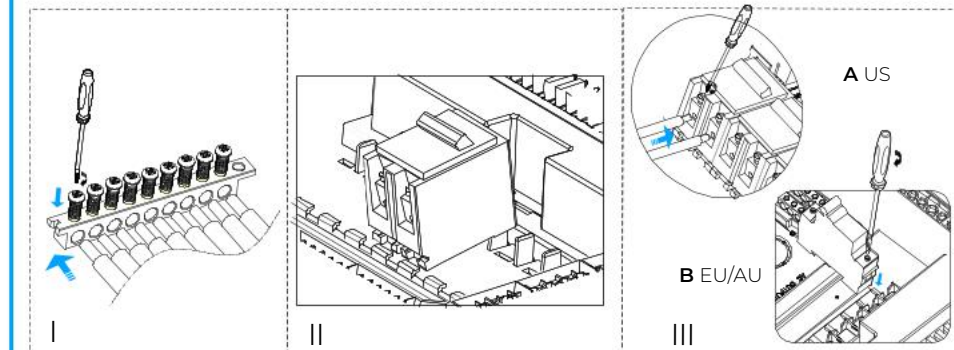
Wall-Mounted Installation



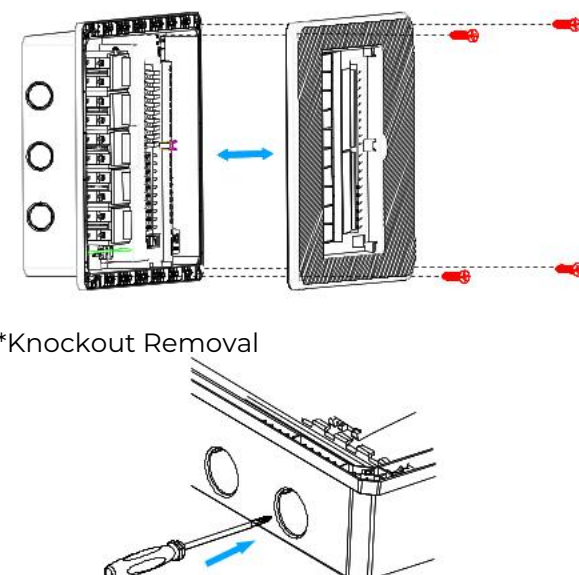
Floor Mounting



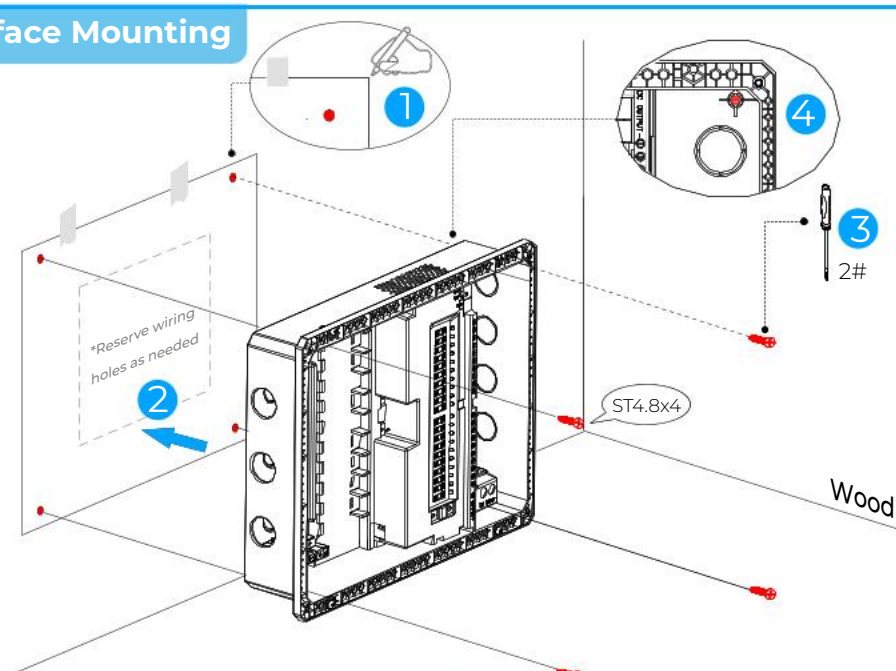
Terminal Wiring Guide



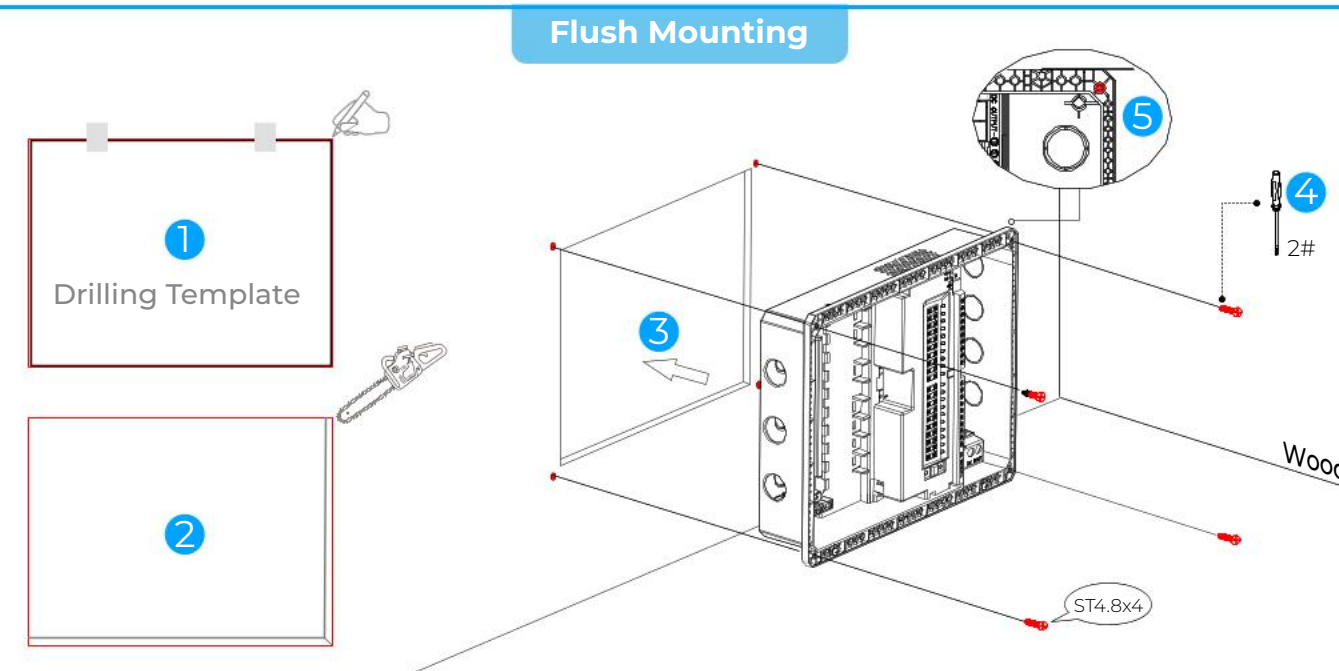
4 Epanel



Surface Mounting

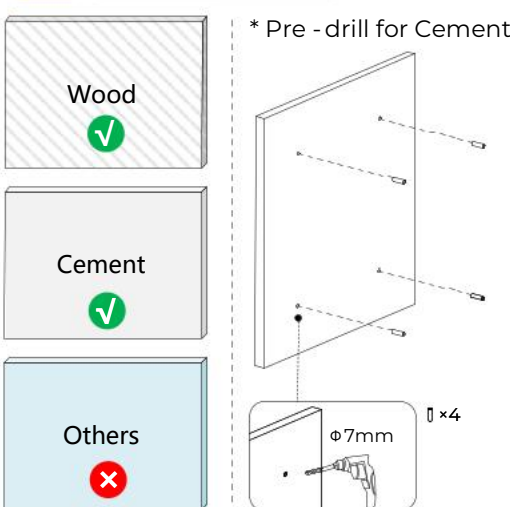


Flush Mounting

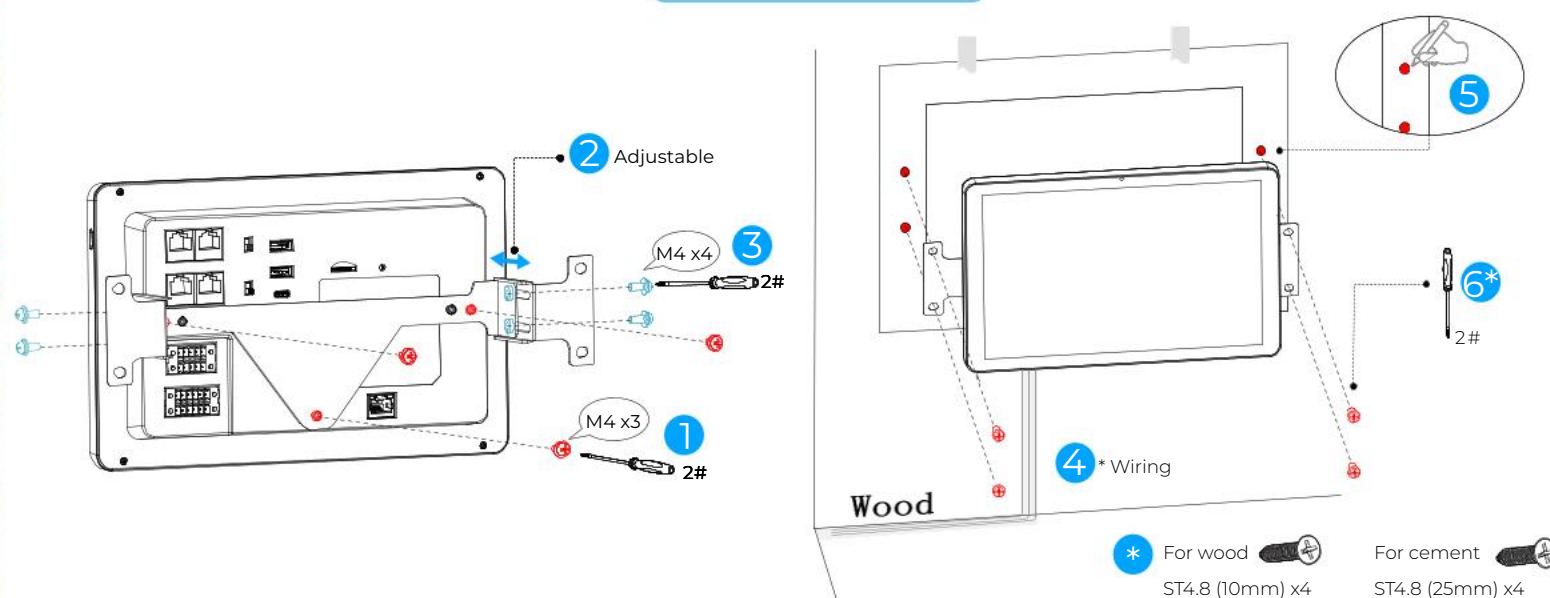


5 Epad

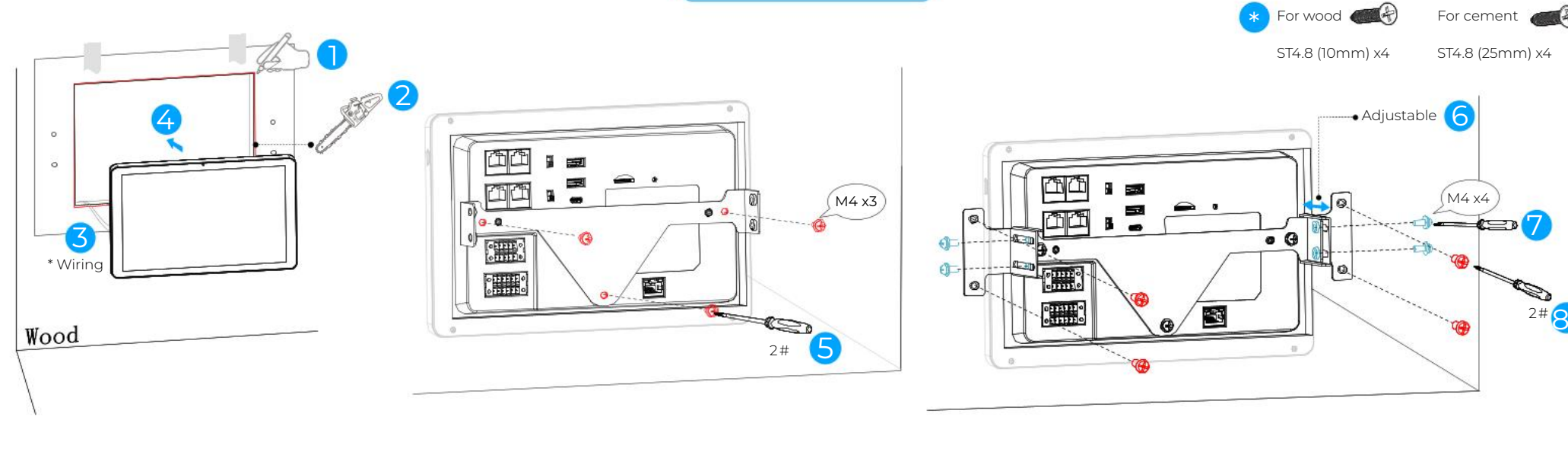
CAUTION



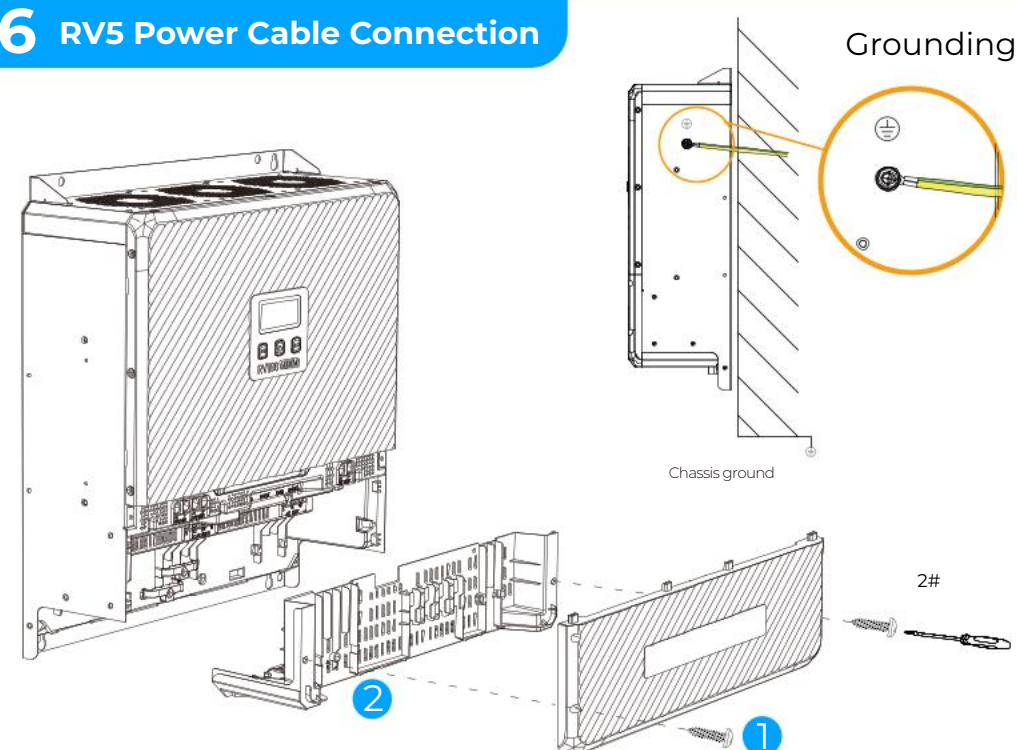
Surface Mounting



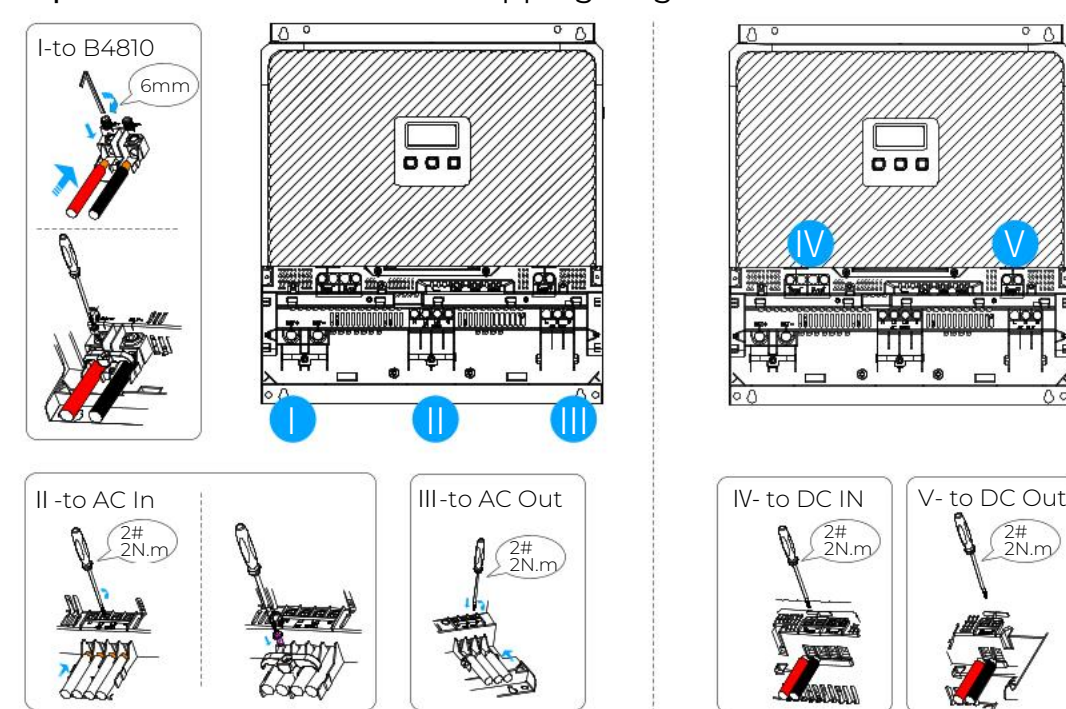
Flush Mounting



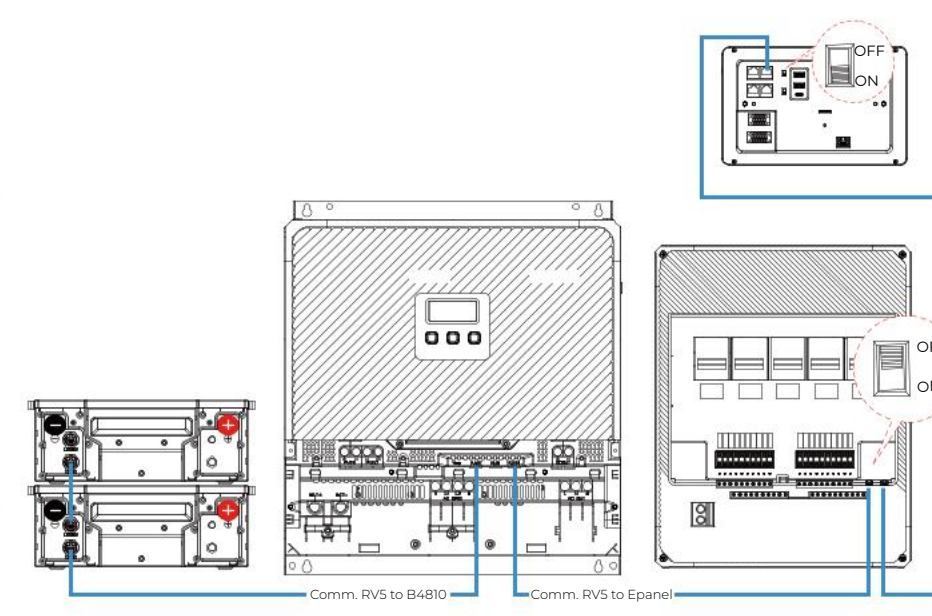
6 RV5 Power Cable Connection



Tips! Recommended wire stripping length :15mm



7 Communication configuration



8 BLUETTI APP

