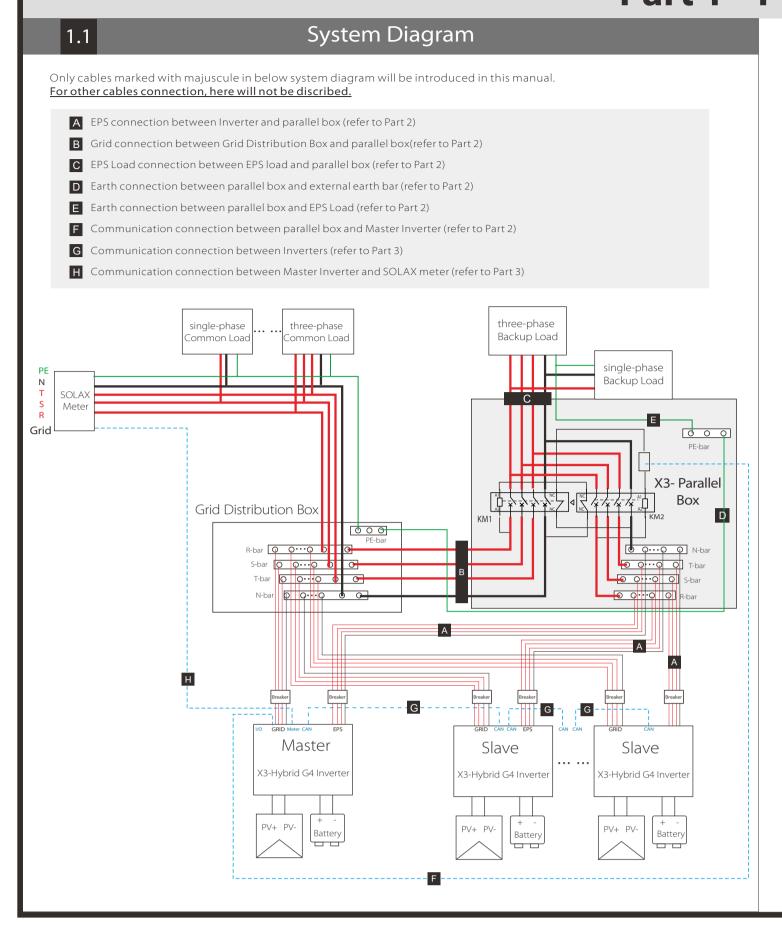
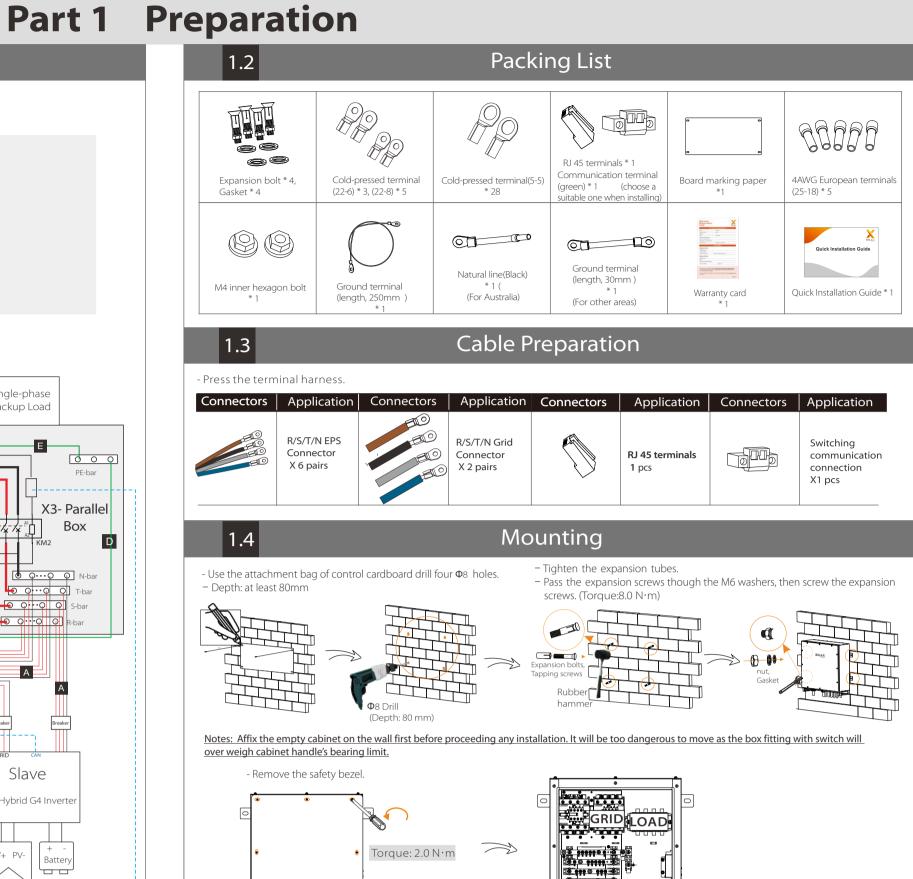
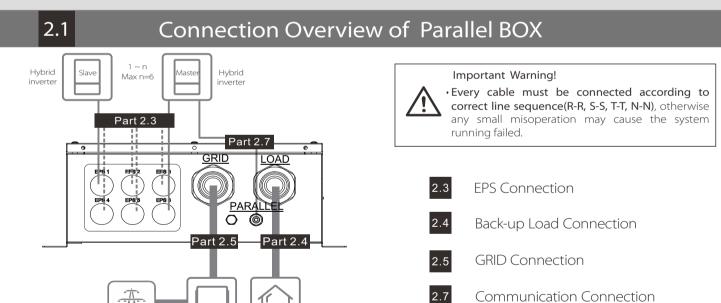
Quick Installation Guide _ for Parallel System





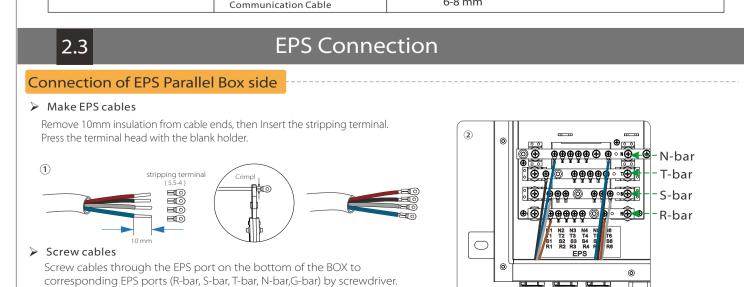


Part 2 Installation of Parallel BOX



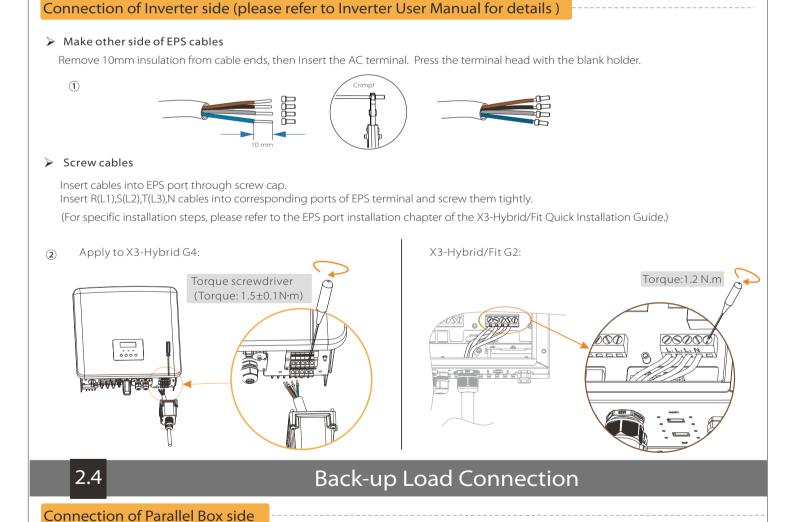
2.2 Cable Size Recommended

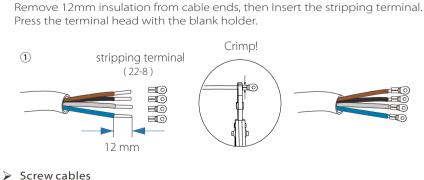
EPS	R-cable, S-cable, T-cable, N-cable	6mm² * 4 PCS for one EPS port
	Outer Diameter of EPS Cable	12. 5 -18 mm
	4 cables needed for one EPS port(one inverter) 8 cables needed for two EPS ports (two inverters paralleled)	
	24 cables needed for ten EPS ports maximummly (Six inverters paralleled)	
Back-up Load	R-cable, S-cable, T-cable, N-cable	25mm ² * 4 PCS
	Outer Diameter of LOAD Cable	18-44 mm.
	R-cable, S-cable, T-cable, N-cable	25mm ² * 4 PCS
Grid	PE-cable	10mm² * 1 PCS
	Outer Diameter of GRID Cable	18-44mm
	Note: N bar connection in Australia is different from N bar connection in most countries.	
Communication	Communication cable	≥0.2mm ² * 2 PCS for one communiction port
	Outer Diameter of Communication Cable	6-8 mm



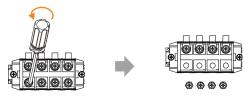
(refer to picture as right)

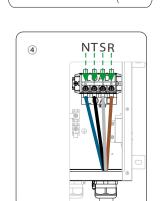
Torque:1.0 N.m





Pass the completed wiring harness through the Load port and follow the corresponding wiring ports (R-bar, S-bar), T-bar, N-bar) install it and tighten the screws. (Torque: 4.0 N·m) (refer to picture as right)





Connection of back-up load side

Selecting appropriate Back-up loads

Make Load cables

- The requirement shown as below must be satisfied:
- 1: Algebraic apparent power of back-up loads <u>must be less than</u> Algebraic apparent power of hybrid system * <u>0.9.</u> 2: Algebraic RCD apparent power of RCD back-up loads <u>must be less than</u> Algebraic apparent power of hybrid system * <u>0.6.</u>

Back-up Load connection of loads side should be analyzed and operated depending on specific loads. Here will not be described into details.

