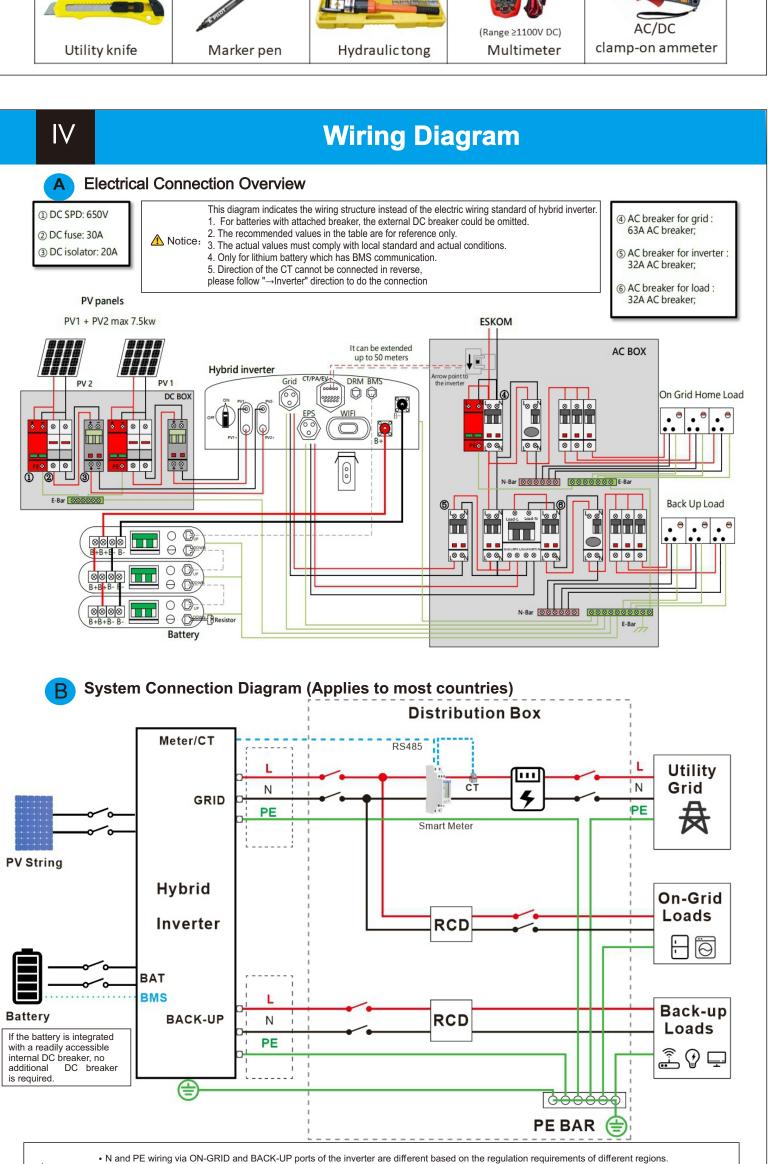
LIVOLTEK

Quick Installation Guide

- All-In-One Energy Storage System

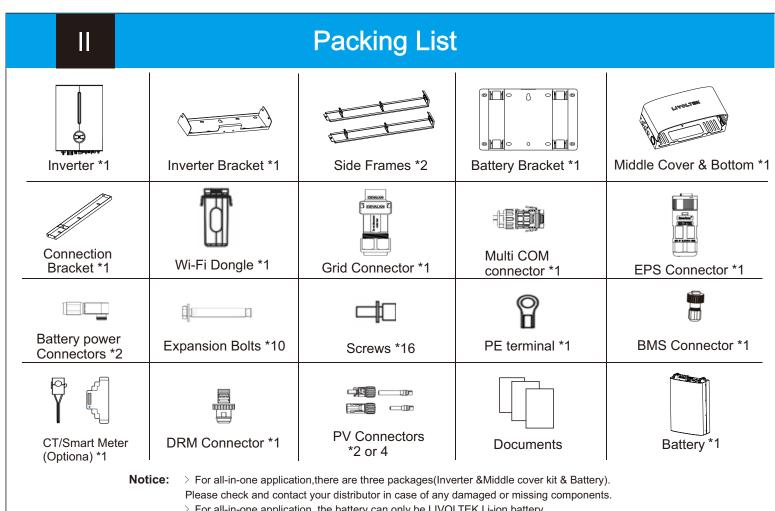




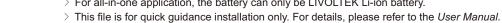


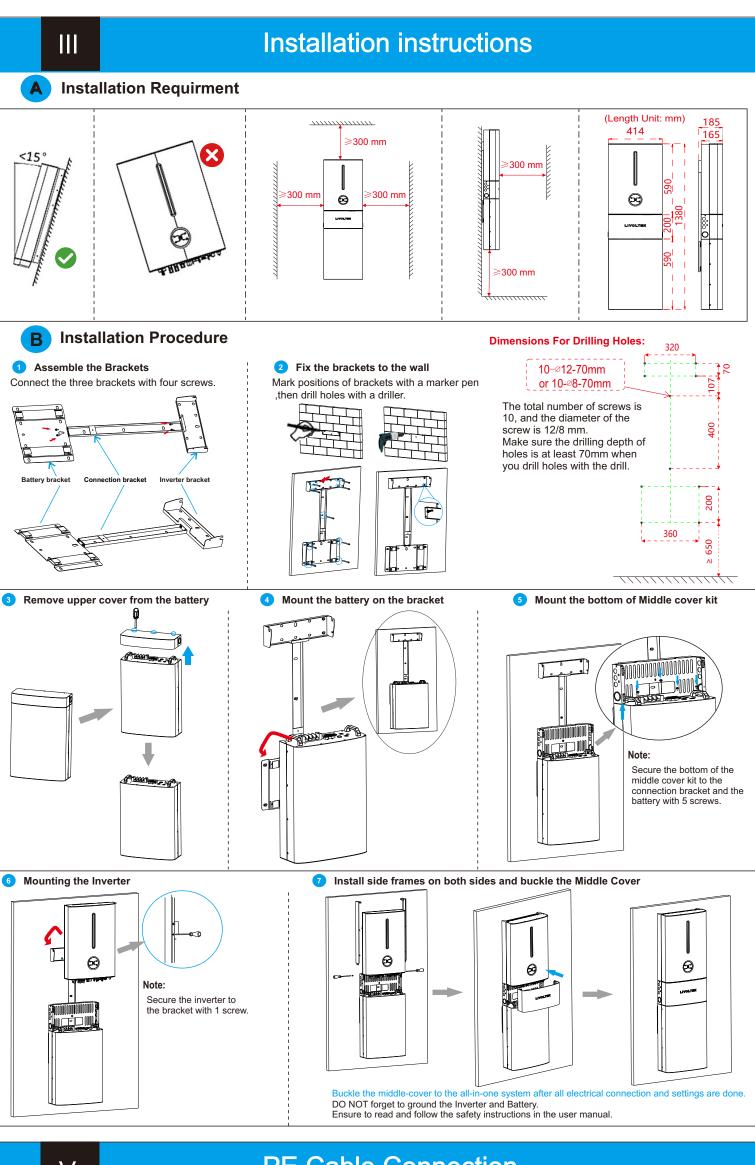
• Ensure that the grounding of BACK-UP is correctly and tightened. Otherwise, the BACK-UP function may be abnormal in case of grid failure.

Refer to the specific requirements of local regulations.

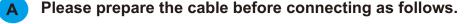


> For all-in-one application, the battery can only be LIVOLTEK Li-ion battery.





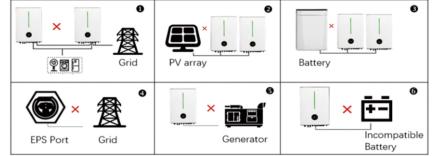




No.	Cable	Cross Section	Cable diameter (mm)
1	PV cables	4mm² - 6mm²	12~10 AWG
2	AC cables	4mm²-6mm²	12~10 AWG
3	Battery power cables	25mm ²	4 AWG
4	PE cable	4mm ² - 6mm²	10 AWG

⚠ Notice: • Do not work with power on. All operations, cables and parts specification during the electrical connection shall be in compliance with local laws and regulations. Disconnect the DC switch of the inverter to power o ff the inverter before any electrical

Unacceptable Installations



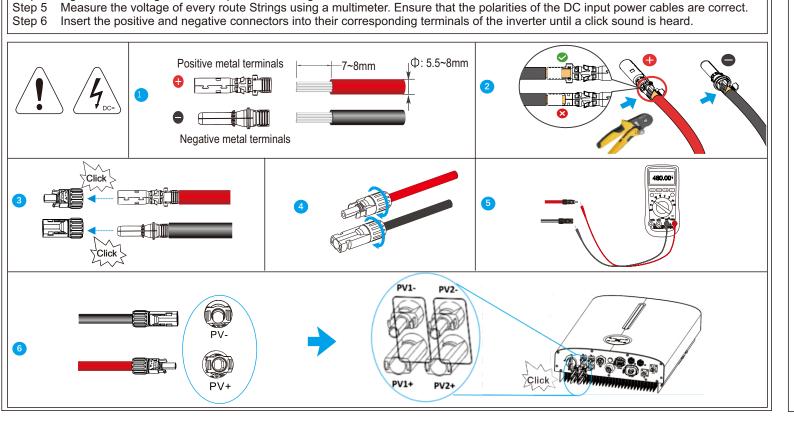
⚠ Notice: Please avoid the following installations which will damage the system or the Inverter. Any damage caused will not be covered by the warranty policy.

1) Multi inverters cannot be connected in parallel. 2 Single PV string cannot be connected to multiple inverters. One battery bank cannot be connected to multiple inverters. The EPS (backup) side cannot be connected to the grid. 5) The inverter cannot be connected to any AC generator directly The inverter cannot be connected to any incompatible batteries.

External Grounding (PE Cable) Connection



Motice: Ensure that the PE cable is securely connected Otherwise, electric shocks may occur • Do not connect the neutral wire to the enclosure as a PE cable. Otherwise, electric shocks may occur.



PV Cable Connection

Connect the red wire to the positive metal terminal, and the black to the negative and crimp them using a crimping tool.

Insert the crimped positive and negative power cables into the corresponding connectors until a "click" sound is heard.

Remove an appropriate length of the insulation layer from the PV Strings power cables

Tighten the locking nuts on the positive and negative connectors.

