

Quick Installation Guide

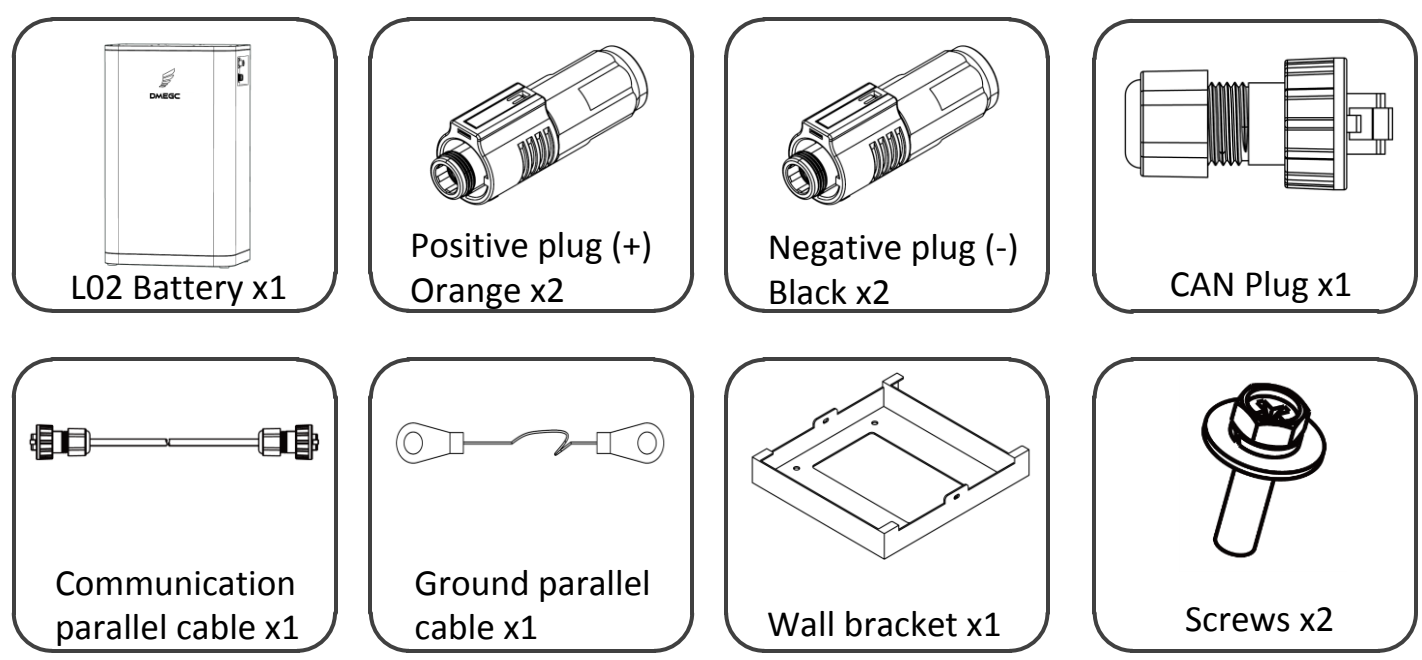
--L02-48100 Lithium-ion Battery

V1.0

I

Packing List

Note: The quick installation guide briefly describes required installation steps. If you have any questions during the installation, please refer to the User Manual for more detailed information.



I

Packing List



II

Installation Prerequisites

- Make sure that the installation location meets the following conditions:
- The building is designed to withstand earthquakes
 - The location is far away from the sea, to avoid sea water and humid air
 - The floor is flat and level
 - There are no flammable or explosive materials nearby
 - The ambience is shady and cool, keep away from heat as well as direct sunlight
 - The temperature and humidity stay at a constant level
 - There is minimal dust and dirt in the area
 - There is no corrosive gases present, including ammonia and acid vapor
 - The ambient temperature is with the range from 0°C to 55°C and the optimal ambient temperature is between 15°C and 35°C

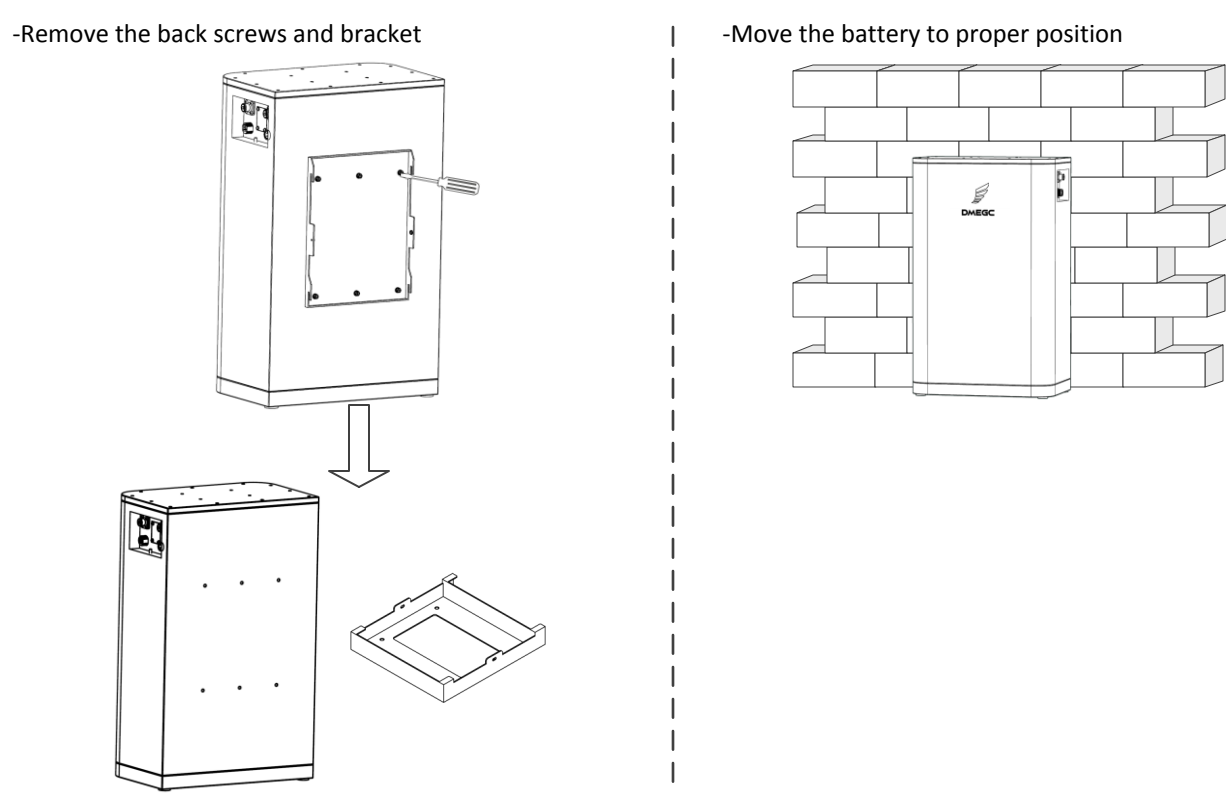
Notice
The L02 battery is rated at IP65 and thus can be installed outdoors as well as indoors. However, if installed outdoors, do not expose the battery to directly sunlight and moisture

Notice
If the ambient temperature is beyond the operating range, the battery pack will stop operating to protect itself. The optimal temperature range for the battery pack to operate is from 15°C to 35°C. Frequent exposure to harsh temperatures may deteriorate the performance and lifetime of the battery module.

III

Battery Installation

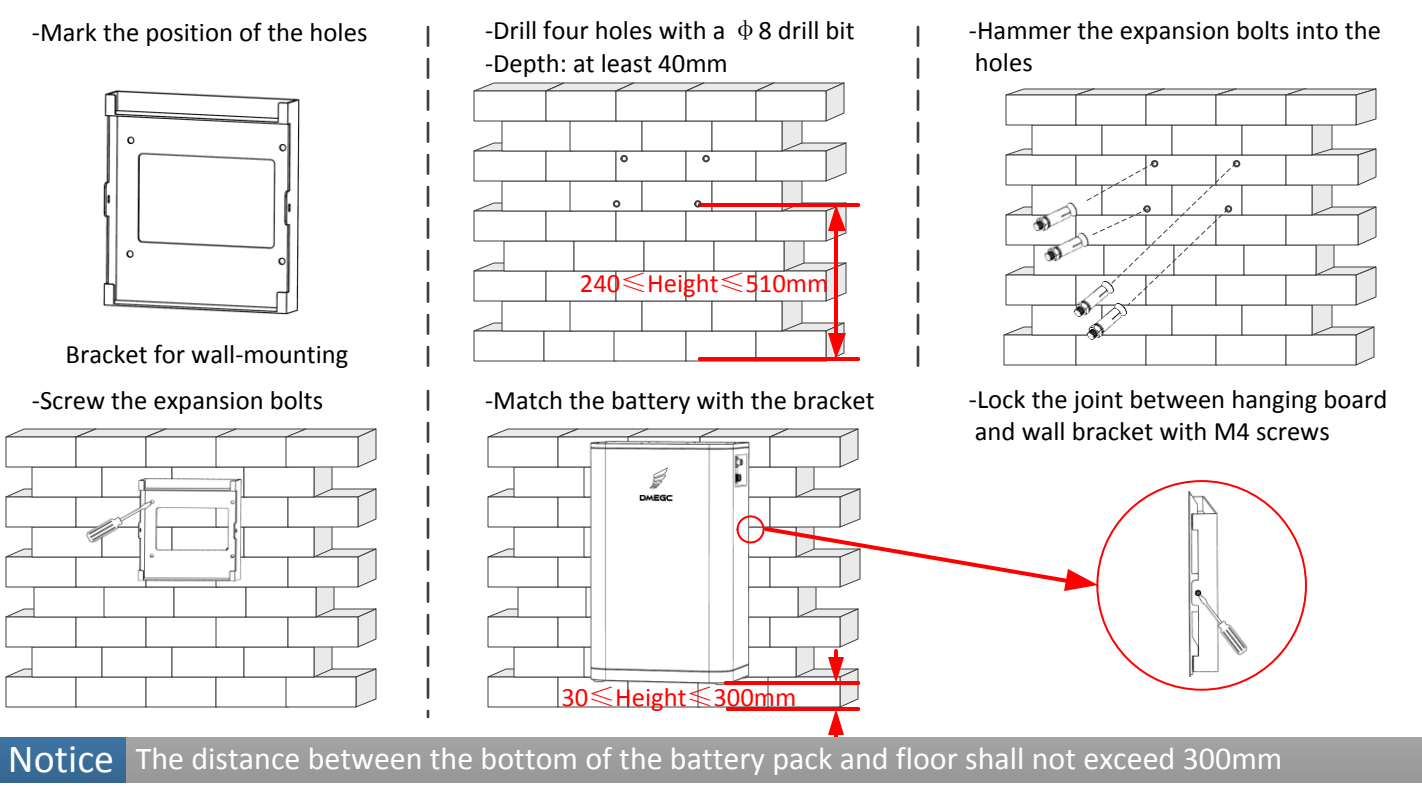
1. Floor-mounting Installation



III

Battery Installation

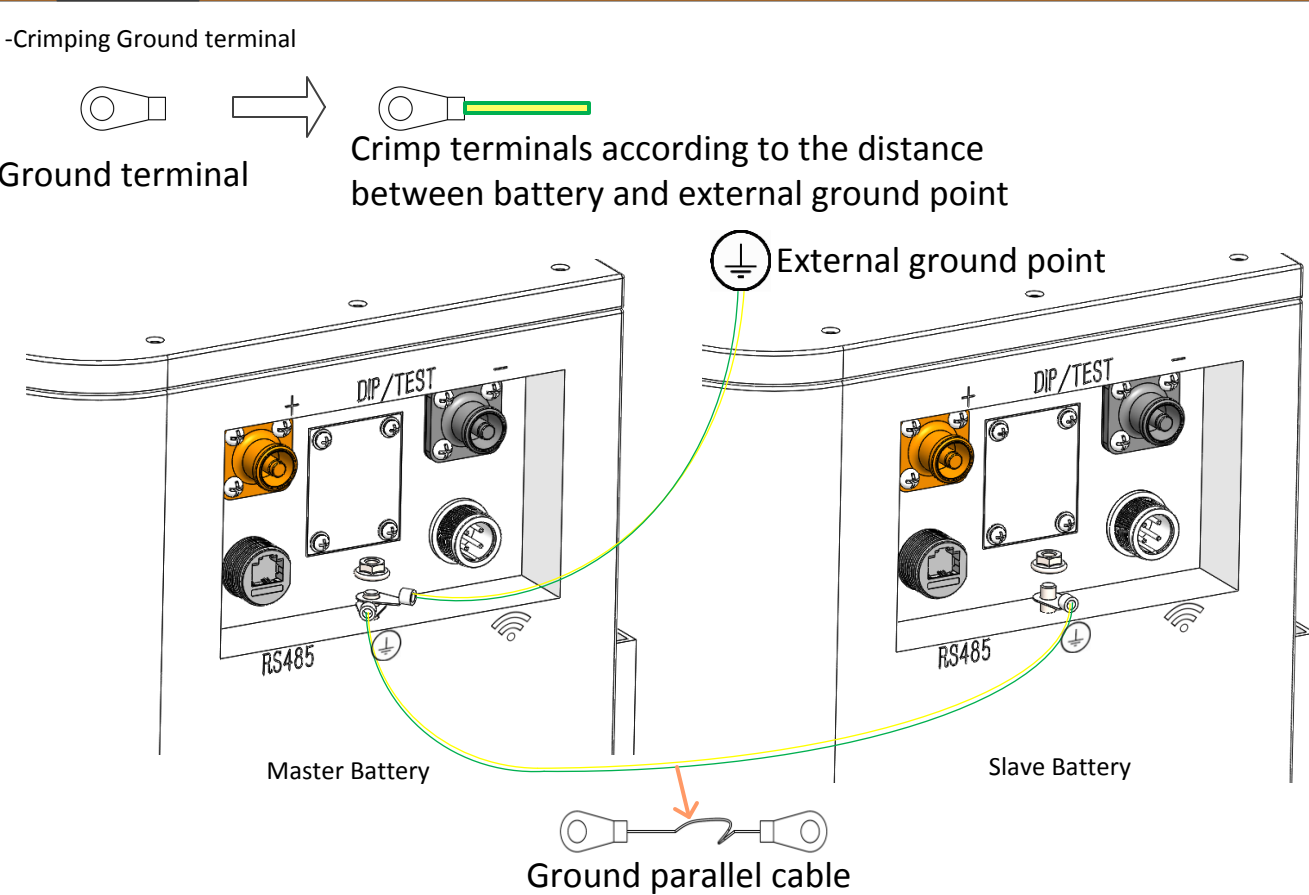
2. Wall-mounting Installation



Notice The distance between the bottom of the battery pack and floor shall not exceed 300mm

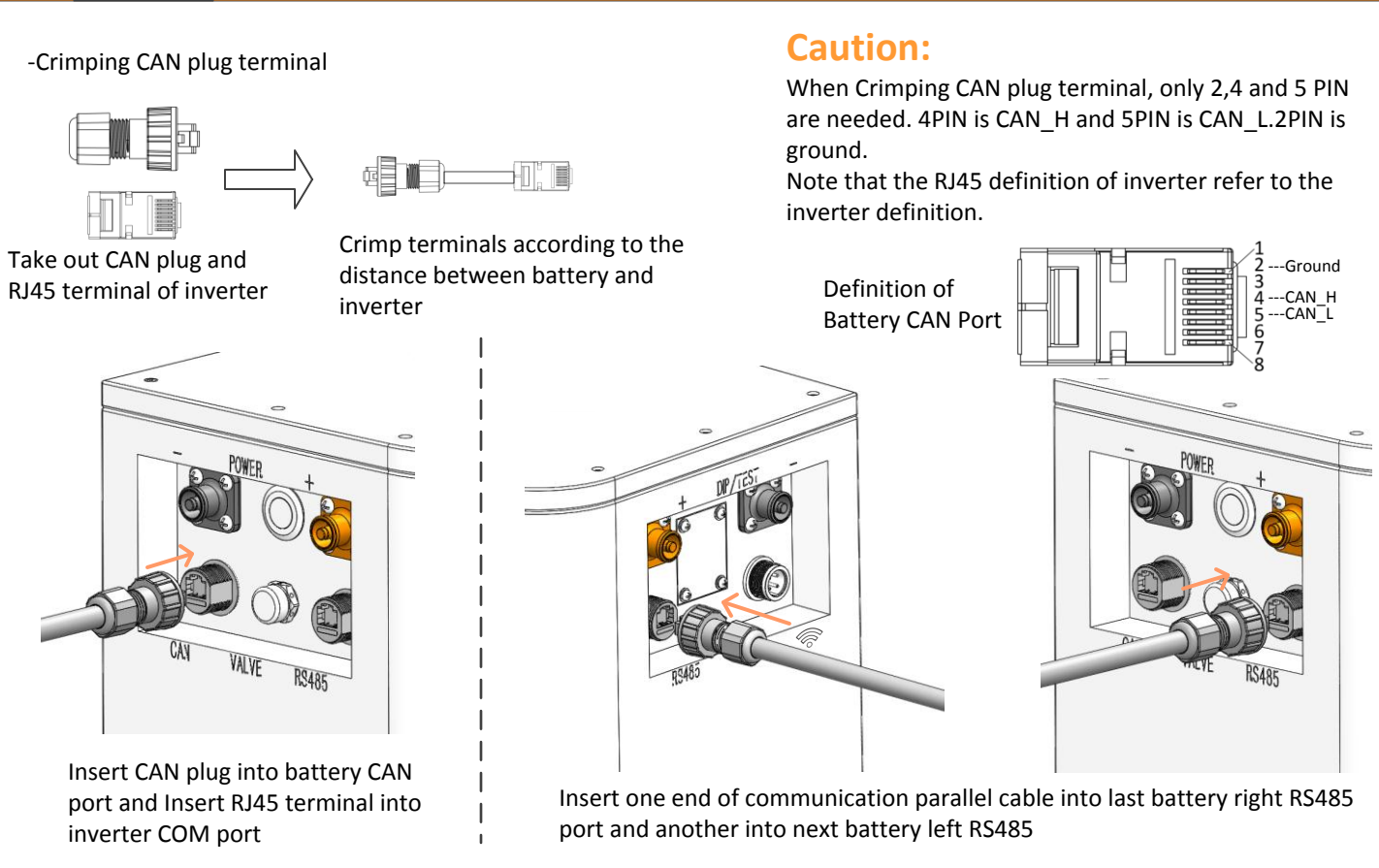
IV

Ground cable connection



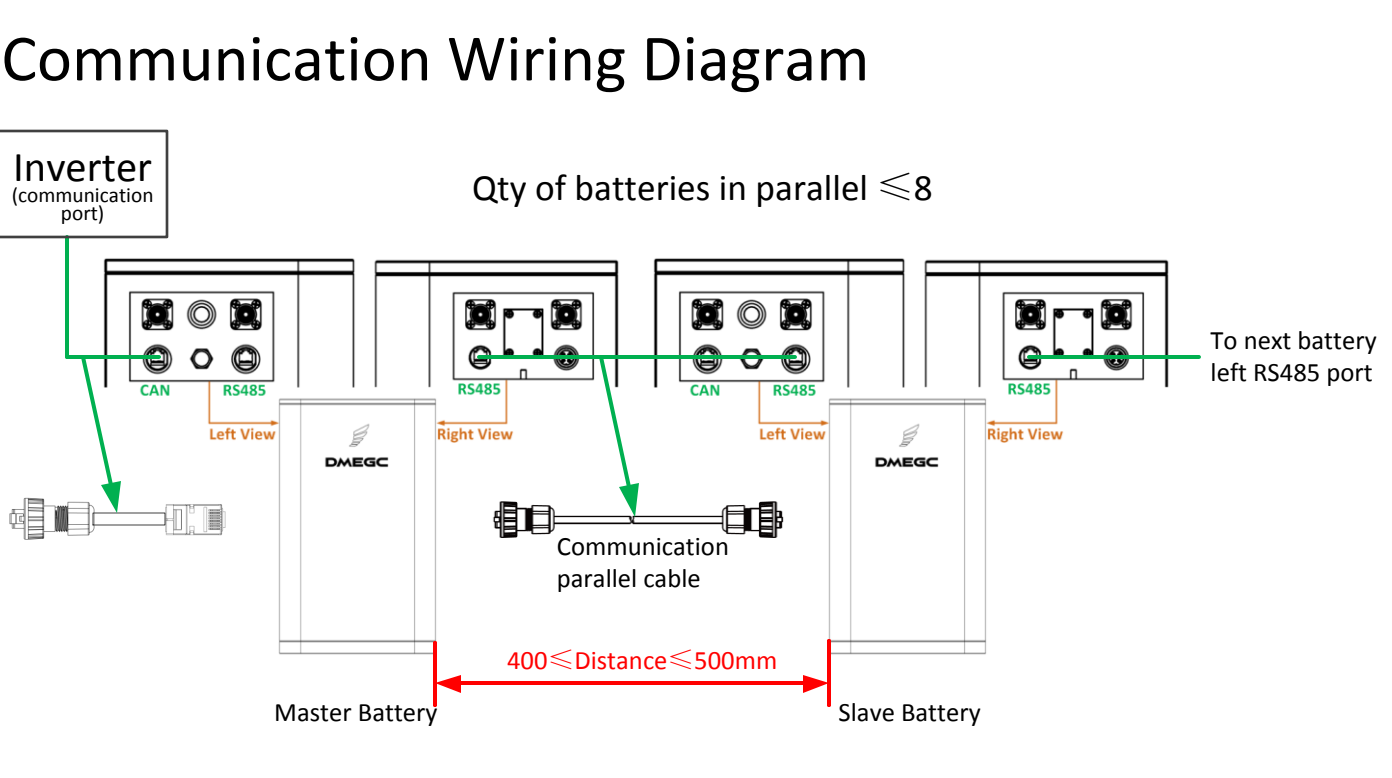
V

Communication cable connection



V

Communication cable connection

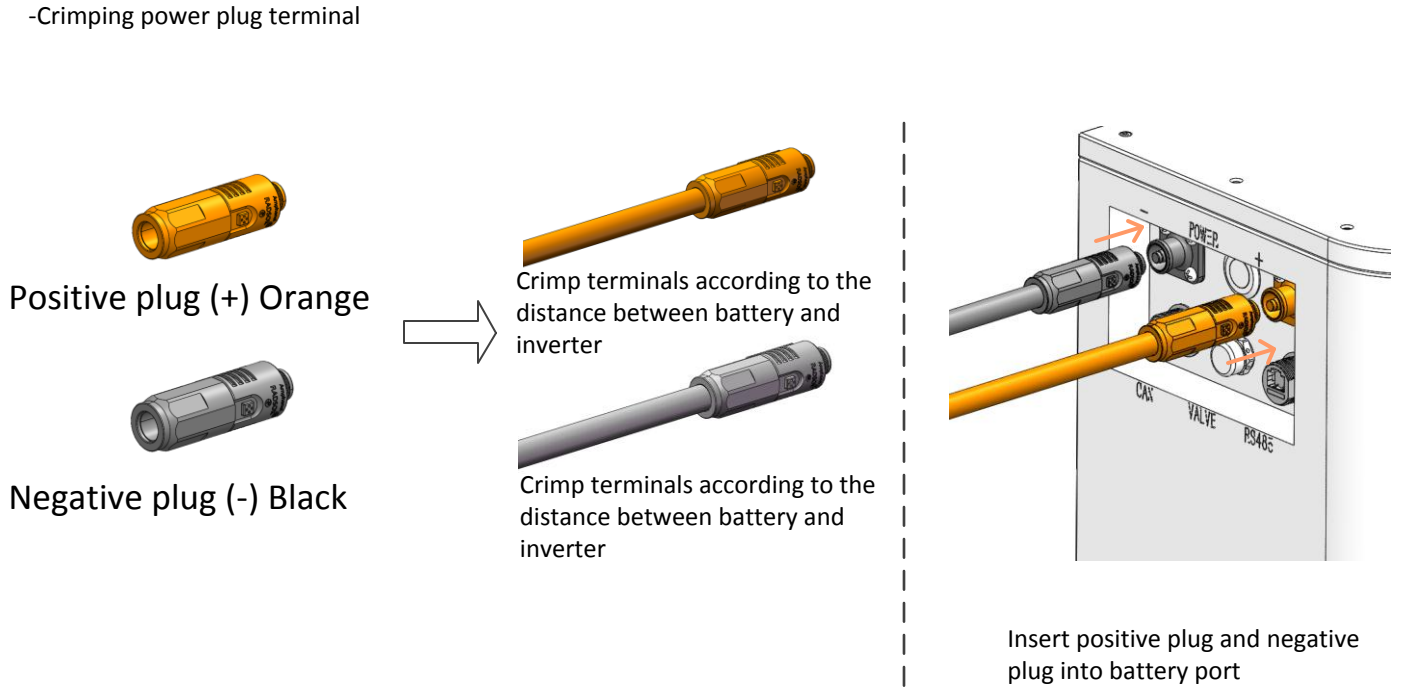


Notice The distance of parallel battery pack is between 400 and 500mm.

VI

Power cable connection

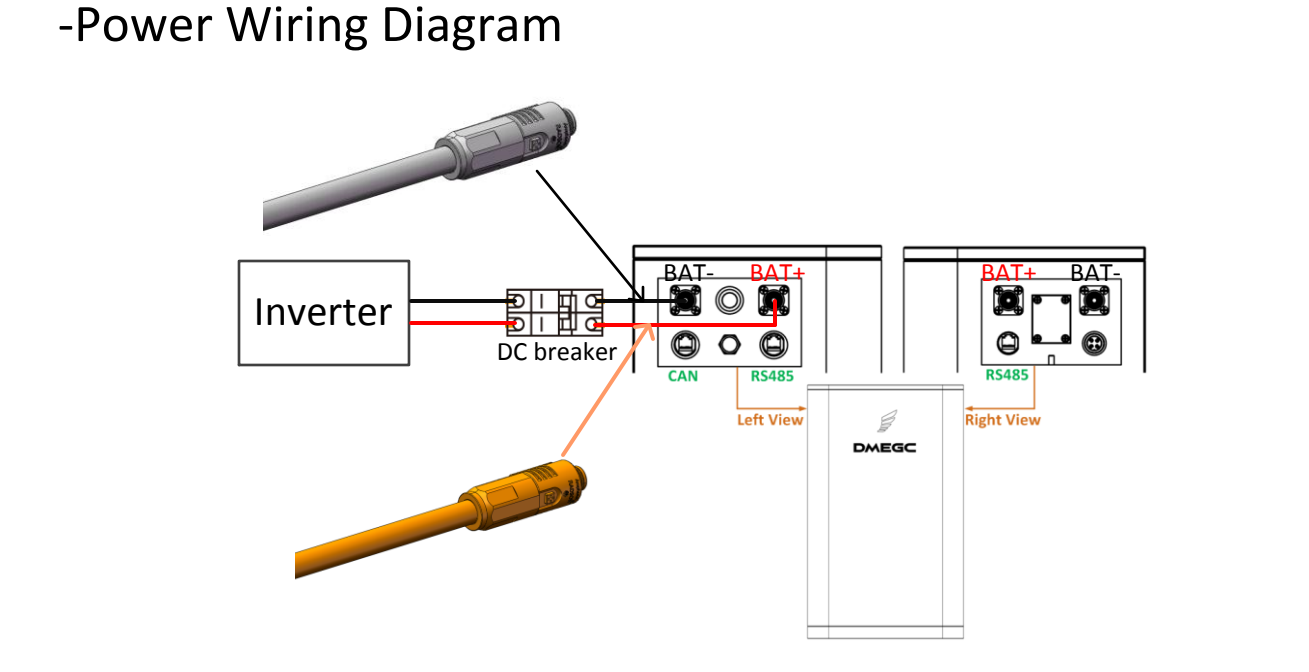
1. Single Battery Work Mode



VI

Power cable connection

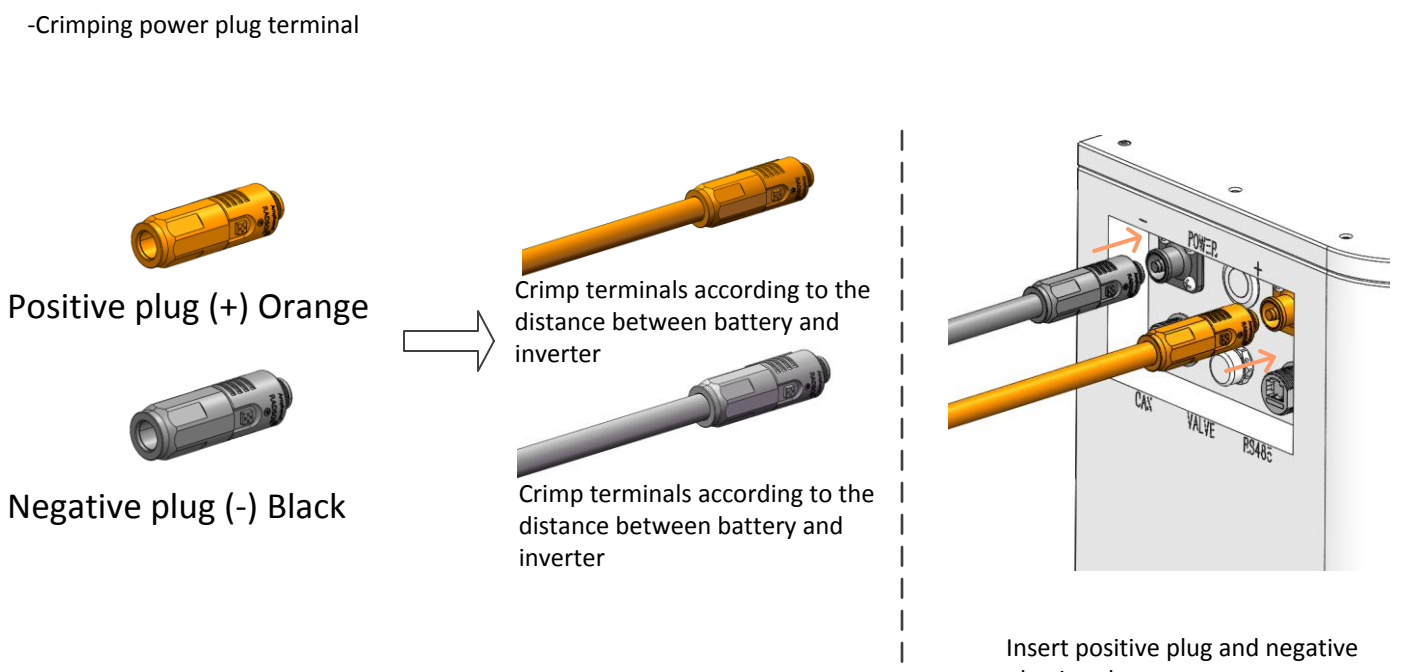
1. Single Battery Work Mode



VI

Power cable connection

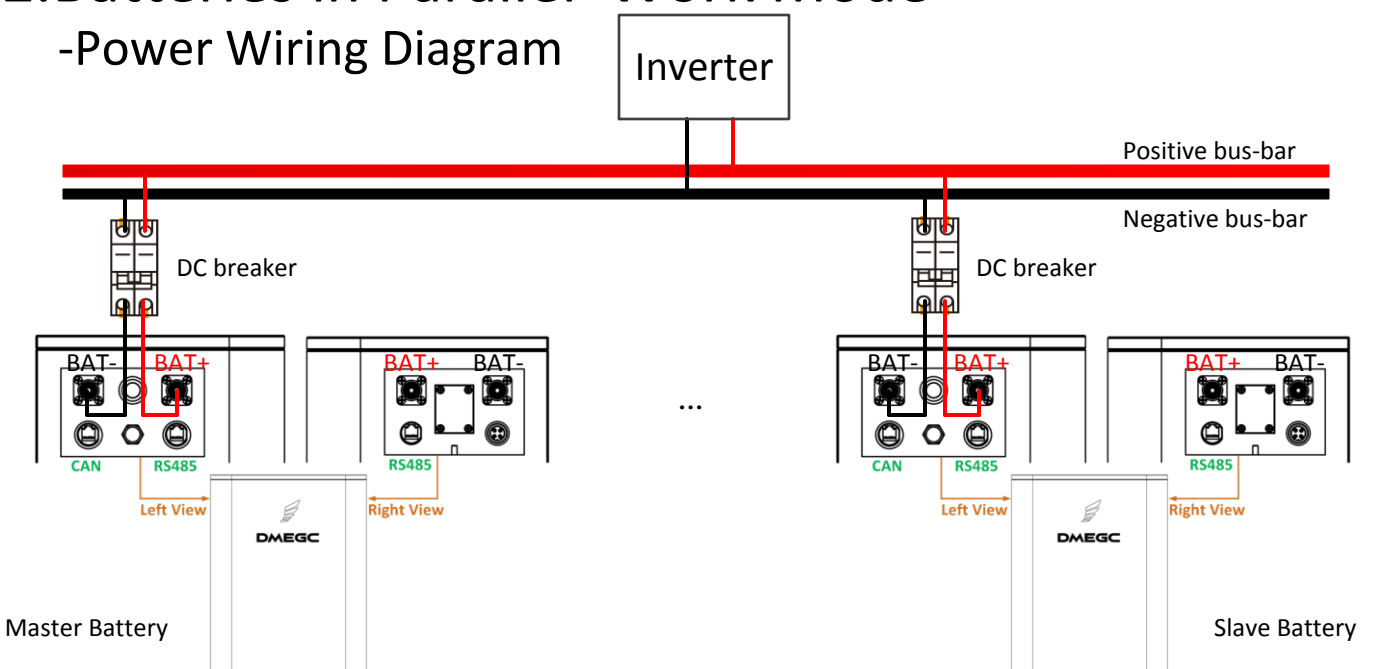
1. Batteries in Parallel Work Mode



VI

Power cable connection

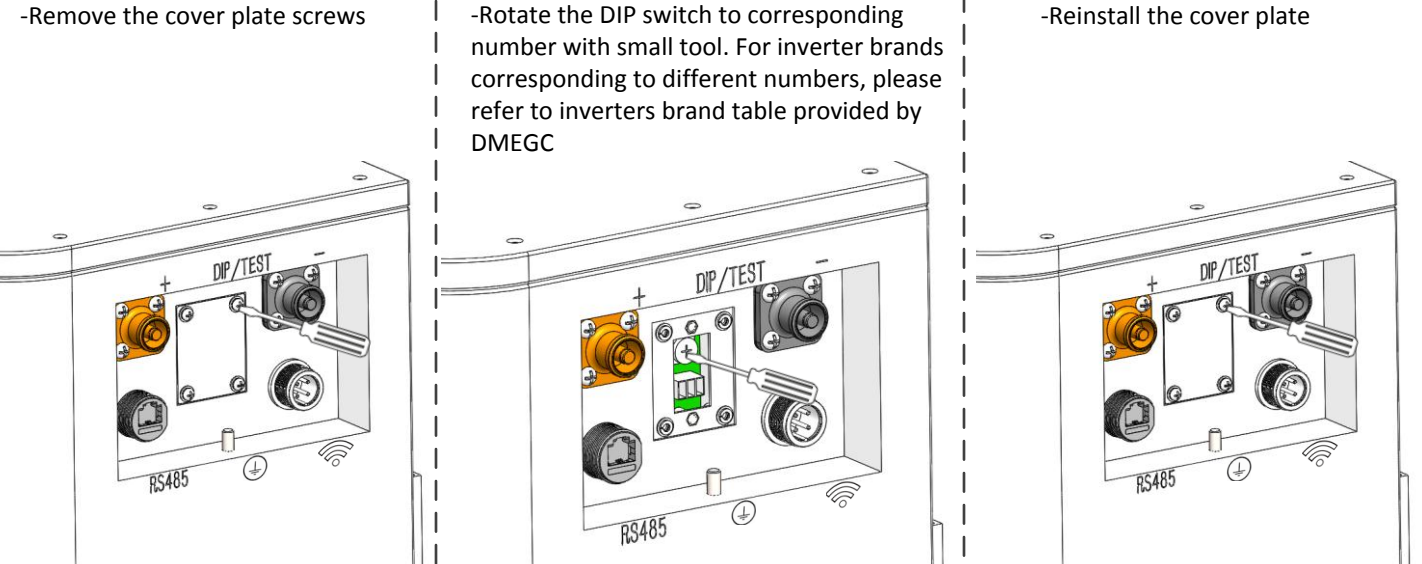
2. Batteries in Parallel Work Mode



Notice The distance of parallel battery pack is between 400 and 500mm.

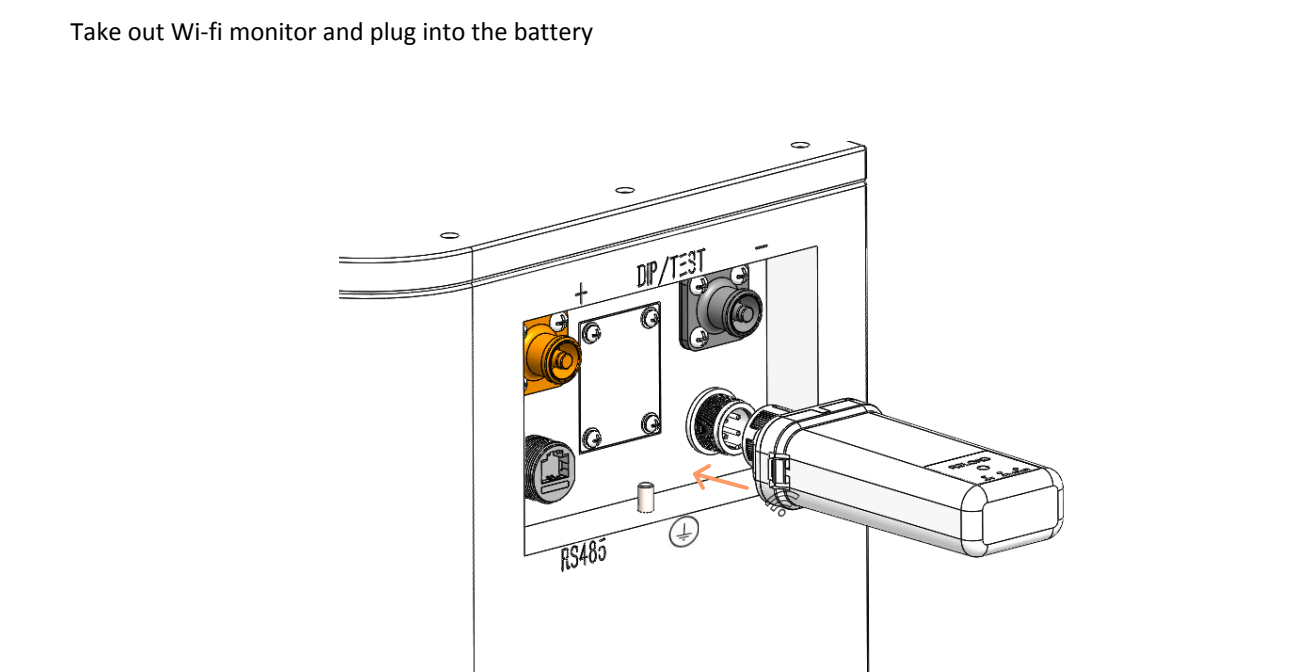
VII

Inverter brand selection



VIII

Wi-fi monitor installation



IX

Commssioning

If all the preparatory work is ok, follow these steps to put it in operation.

- Press the POWER button to turn on the L02 battery system
- Check whether the status LED indicator is normal
- Power on the inverter

