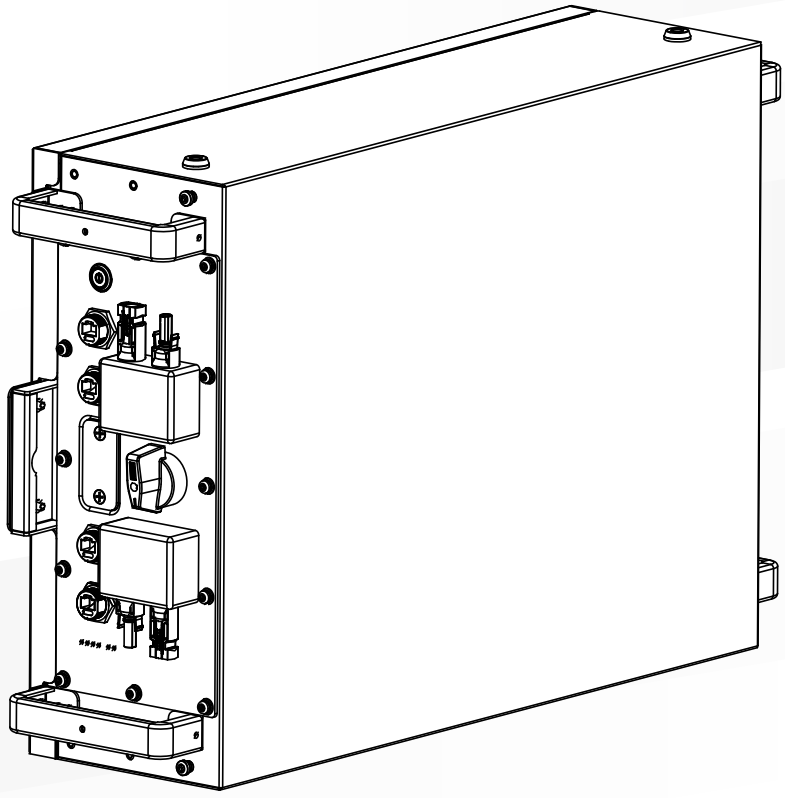
FAST INSTALLATION INSTRUCTIONS



PrimePower Battery

MID-HV5

WARNING!

THIS SYSTEM CONTAINS A HIGH -VOLTAGE BATTERY

Read the manual before installation.
In it you will find detailed product information and Safety precautions.
Establishment and maintenance may only exercise specialist staff.We take over no responsibility and liability if the safety regulations.

1. The battery must be loaded to 90% SOC at least every six months.
2. Check clamping connections, earth and screws annually.
Pull it up.Replace them after damage or corrosion.
Take an external visual test to the system.Remove dust, water and insects.Ensure that the installation site complies with, at most, IP65 protection level.

If the battery has to be disposed of, contact Midcosta.

Tools



Cordless screwdriver



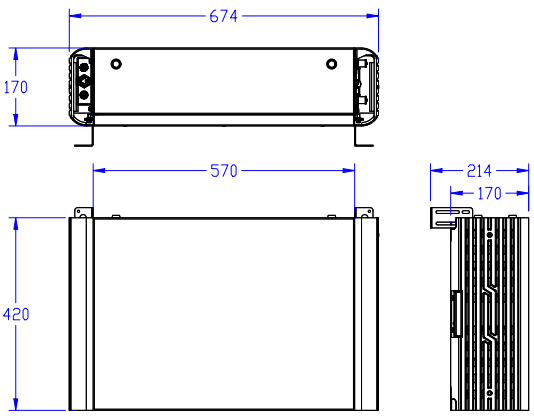
1/4" ratchet wrench



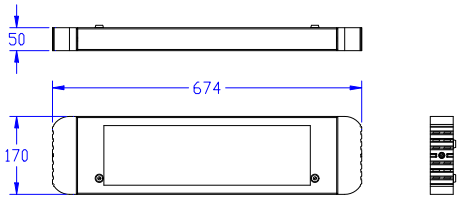
Cross -screwer

Size (mm)

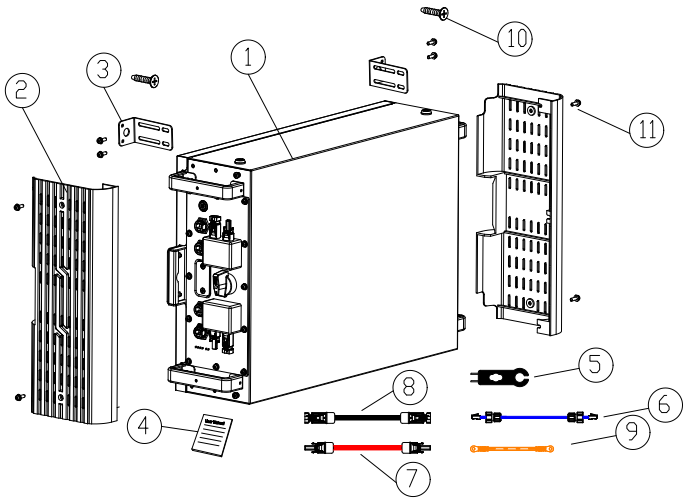
Battery module



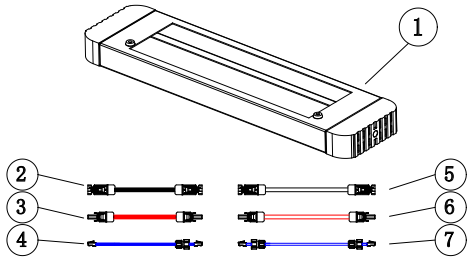
System base



Checklist



1. Battery module X1
2. Enterfuel decorative cover X2
3. Wall holder X2
4. User manual Attachment screws
5. MC4 / Amphenol Tool
6. RJ45 communication cable
7. DC+ bus cable
8. DC bus cable
9. Earth cable
10. Sprint screws
11. Attachment screws
12. 5 sets amphenol plug/socket



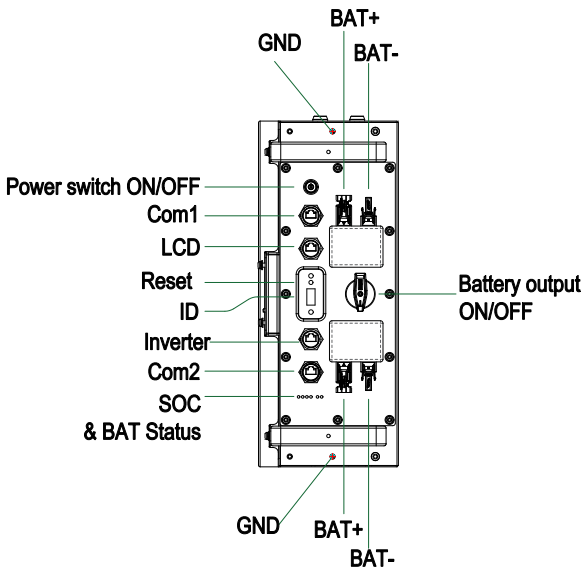
2. DC bus cable to the inverter
3. DC+ bus cable to the inverter
4. RJ45 communication cable to the inverter
5. DC link cable next battery tower
6. DC+ link cable Next battery tower
7. RJ45 Link cable next battery tower

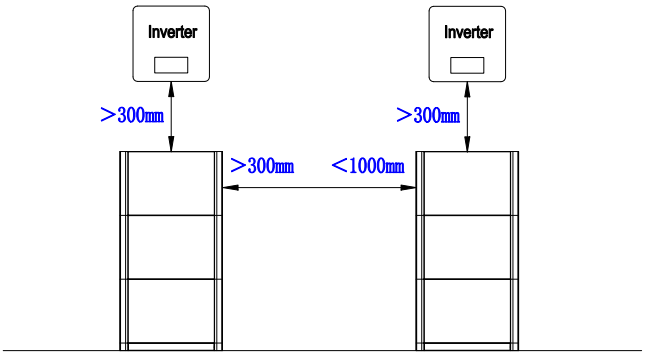
DANGER:
If DC cable have to be re -made, use the enclosed amphenol plugs and sockets. Use an RJ45 cable with at least CAT5E.

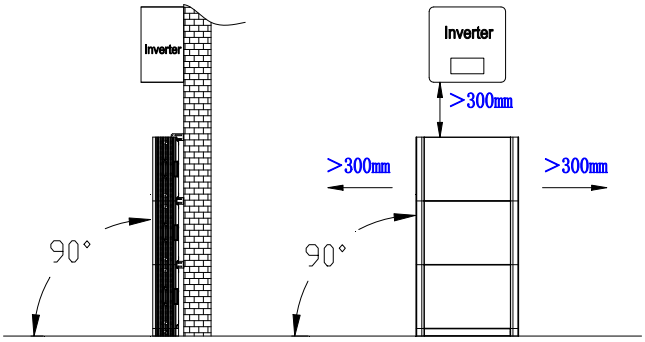
Introduction to the connection interface

Connection overview

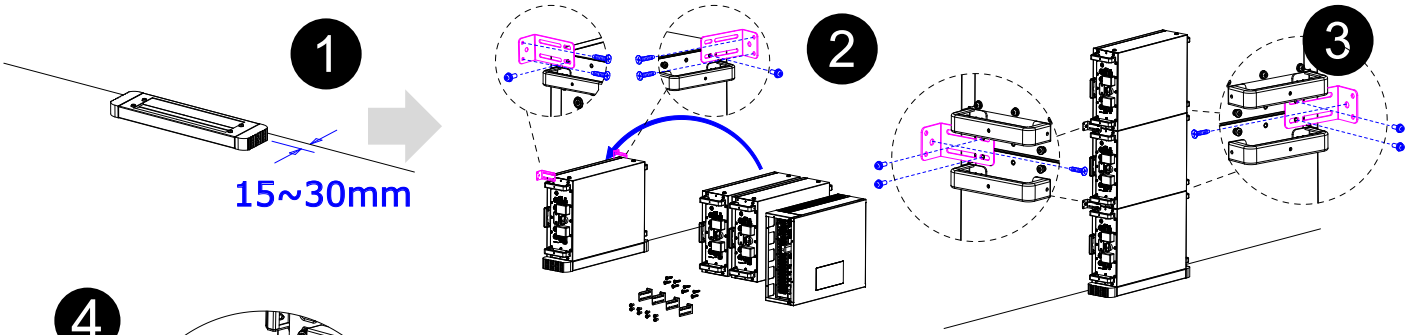
BAT+ = DC+ Amphenol socket
BAT - = DC- Amphenol plug
GND = grounding
Power Switch on/Off = BMS Start button
Com1 = input RJ45 previous module
LCD = interface for field service
Reset = restart
ID = dip switch
Inverter = RJ45 to the inverter (for master module)
Com2 = output RJ45 following module
SOC = LED display SOC & Status
Battery output ON/OFF = DCDC shooting tile

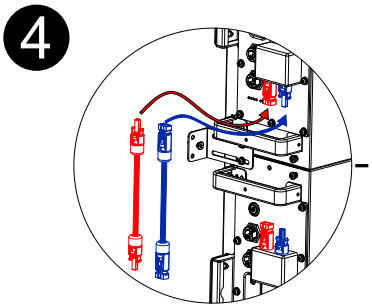




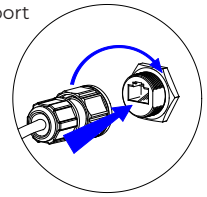


Soil installation with base



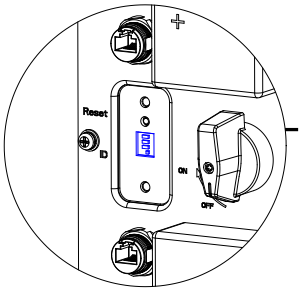


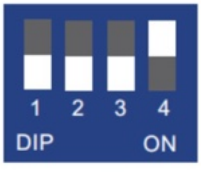
Battery and inverter cable connection
DC bus connection
Connecting the communication cable from the inverter to the inverter port



Connecting the batteries using a communication cable from the master battery COM2 port to the slave battery COM1 port

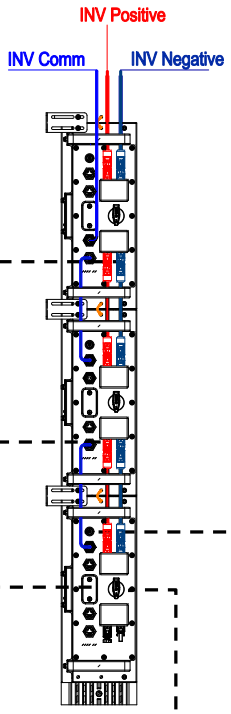
Connect the inverter and battery using a communication cable



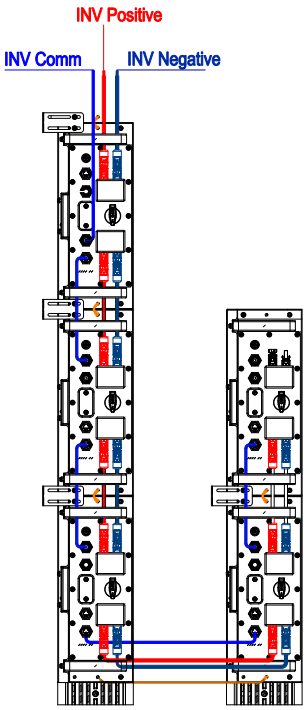


ID:1

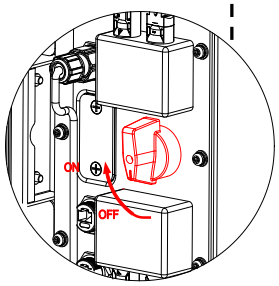
Set the ID of the master module to 1.
Slave modules do not have to be addressed.

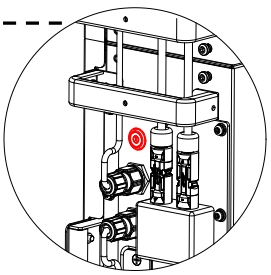


A battery tower



Two (or more) battery towers



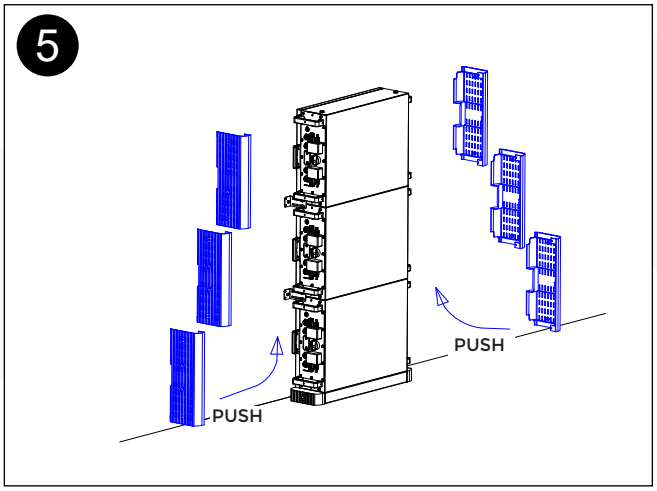


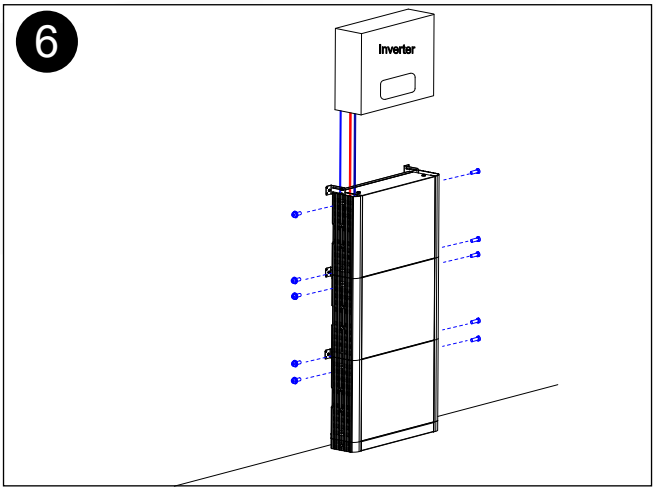
Start

1. Press the BMS start button for five seconds around the battery (host battery) switch on.
2. Switch on the battery output.

Stop

1. Press the BMS start button for five seconds to switch off every battery.
2. Switch off the battery output.





Liability exclusion:

The product guarantee does not cover any product damage caused by non -observance the storage, specified in this document and in the user manual. Transport, installation and usage instructions.

You can download this fast installation instructions in your language by scan the QR code. The information in this document is subject to change without prior notice. Every effort has been made in the preparation of this document to ensure accuracy of the contents, but all statements, informations and recommendations in this document do not constitute a warranty of any kind, expressly or implicitly.

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SCAN ME

QR code scan for the detailed
User manual

MidTeq