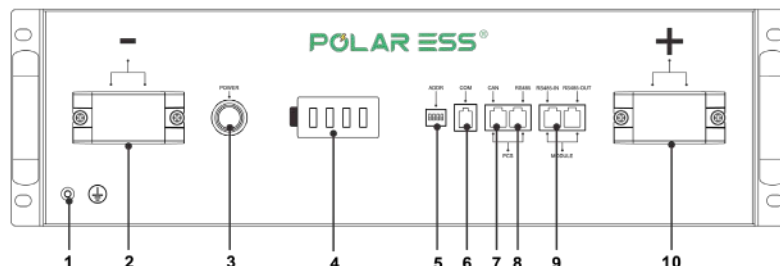


ALPS BA5.2 lithium battery: a quick start guide

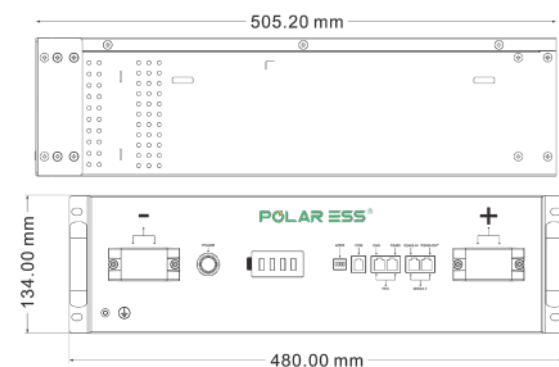
Components

1. Earth point
2. Battery pack (negative terminal)
3. Battery on/off switch
4. Charge indicator
5. DIP switch
6. RS232 6P
7. Inverter CAN 8P
8. Inverter RS485 8P
9. Battery RS485 8P
10. Battery pack (positive terminal)
1. **Battery on:** Press and hold the battery switch for 1s. The buzzer will sound for 2s and the battery switch LED will illuminate.
2. **Battery off:** Press and hold the battery switch for 3s. The buzzer will sound for 1s and the battery switch LED will go off.



Dimensions

Note: Handles are optional



Environment

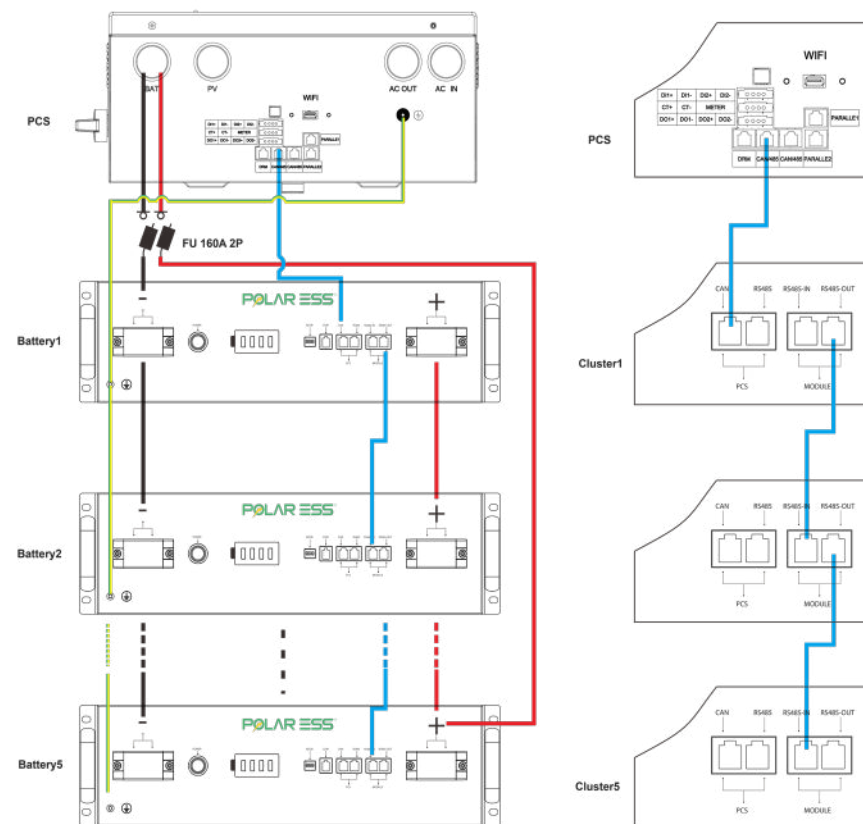
Temperature
0°C - 50°C

Humidity
5% ~ 85%

Indoor installation only

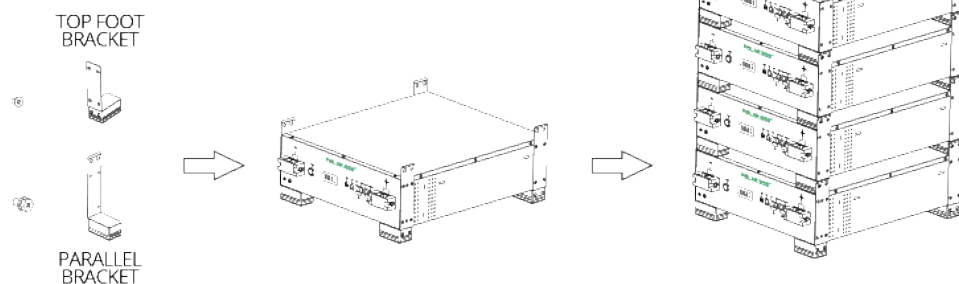
1. The battery can be installed in a standard 19" cabinet or rack. Indoor installation requires adequate ventilation all around the system without obstacles. Handles are required for rack mount option.
2. The battery should be installed by a qualified electrician. Any future maintenance or updates should also be completed by a qualified electrician.
3. If the battery seems to be damaged, pack it in its original container and return it based on the terms laid as per distributor guidelines.

System overview

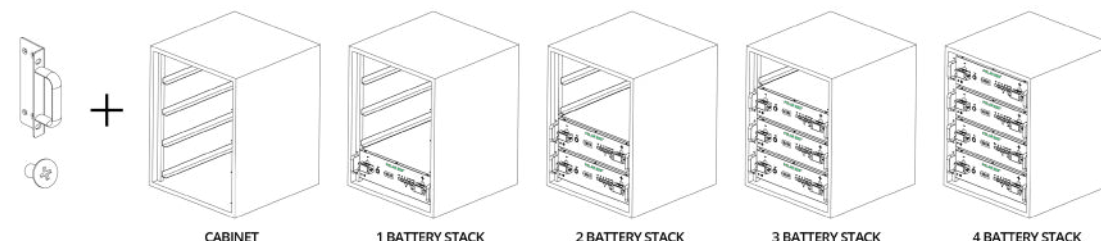


Install

1. Install with bracket:
Note: Foot support accessories are optional



2. Install in standard cabinet or rack:
Note: 19" standard cabinet is optional



ALPS BA5.2 lithium battery: a quick start guide



Battery parallel ID Note: Switch in up position is 0		
Battery	ID	Description
Master		0,0,0,0
Slave 1		1,0,0,0
Slave 2		0,1,0,0
Slave 3		0,0,1,0
Slave 4		0,0,0,1

Battery to battery cables Note: Battery to battery cables are only necessary in multi-battery installations		
No.	Type	Description
1	Battery to battery power cables	3AWG black cable 3AWG red cable Length: 185mm
2	Earth point cable	10AWG yellow-green cable Length: 200mm
3	Battery to battery communication cable	Cable with 8P8C RJ45 Length: 300mm

LED status description		
No.	LED	Status
1	OFF	Shut down
2	Green	Steady: Battery on Blinking: Charging or discharging
3	Red	Battery in fault status
4	Twinkling	Upgrading status

Battery to inverter cables		
No.	Type	Description
1	Battery to inverter power cables	3AWG black cable 3AWG red cable Length: 2000mm
2	Battery to inverter communication cable	Cable with 8P8C RJ45 Length: 2000mm

Warnings



Keep away from heat sources or naked flame



In the event of fire, don't use water. Use dry powder or a carbon dioxide fire extinguisher.



If the battery is damaged, please contact Polar ESS or your wholesaler for help as soon as possible.



Please refrain from disposing batteries in general waste – specialised disposal methods should be used.