PACO CASA

ENERGY STORAGE USER MANUAL

GXE-48200A-10kWh(WiFi)

Aerosol Automatic Fire Suppression Function



Aerosol Fire Suppression System

Quick response, safe and effective fire protection, preventing fire spread and ensuring battery system stability.

Reliable

Support high discharge power. lP20, natural cooling, wide temperature range: -20'C to 55°C.

Circuit Breaker

Protect the circuit from overload, short circuit and other faults, so as to ensure the safe operation of the circuit system

Safer

Cobalt Free Lithium iron Phosphate (LFP) Battery: Safety and long lifespan, high efficiency and high power density.Intelligent BMS, providing complete protection.

Technical Data

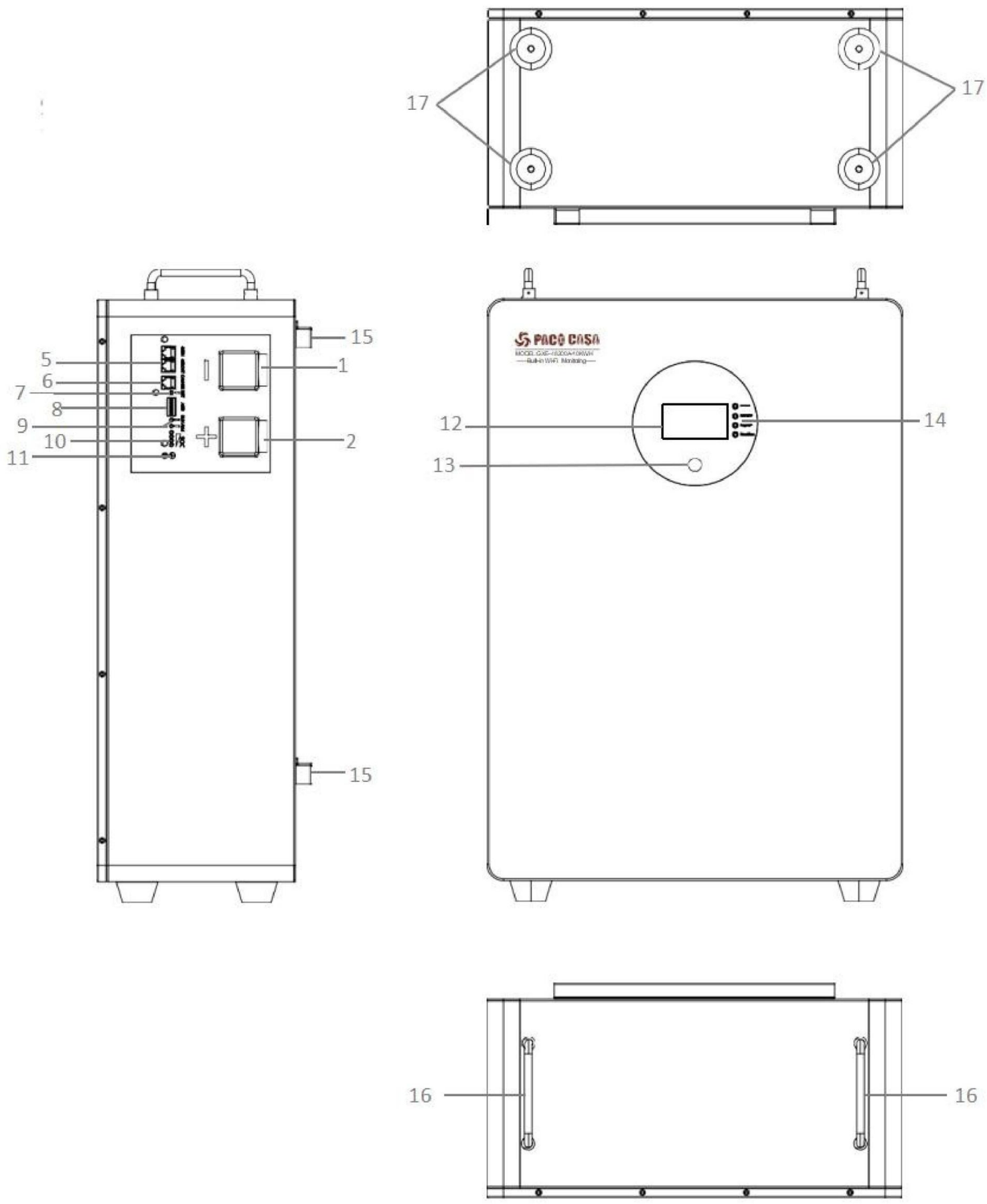
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Model	GXE-48200A-10kWh(WiFi)
Item	Specification
Type	$LiFePO_4$
Nominal Capacity	206Ah
Nominal Voltage	51.2V
Energy	10547.2Wh
Max. Charge/Discharge Current	100A / 195A
Charge Cut-off Voltage	58.4V
Discharge Cut-off Voltage	43.2V
Cycle Life	≥6000 cycles (0.5P 80%)
Internal Impedance	≤50mΩ
Dimension	500*235*695.5mm
Communication Mode	CAN,RS485,RS232
Weight	Approx.95kg
Charge Temperature	0°C~55°C(32°F~131°F)
Discharge Temperature	-20°C~55°C(-68°F~131°F)
Storage Temperature	0°C~40°C(32°F~104°F)
Fire Protection System	Aerosol Fire Suppression

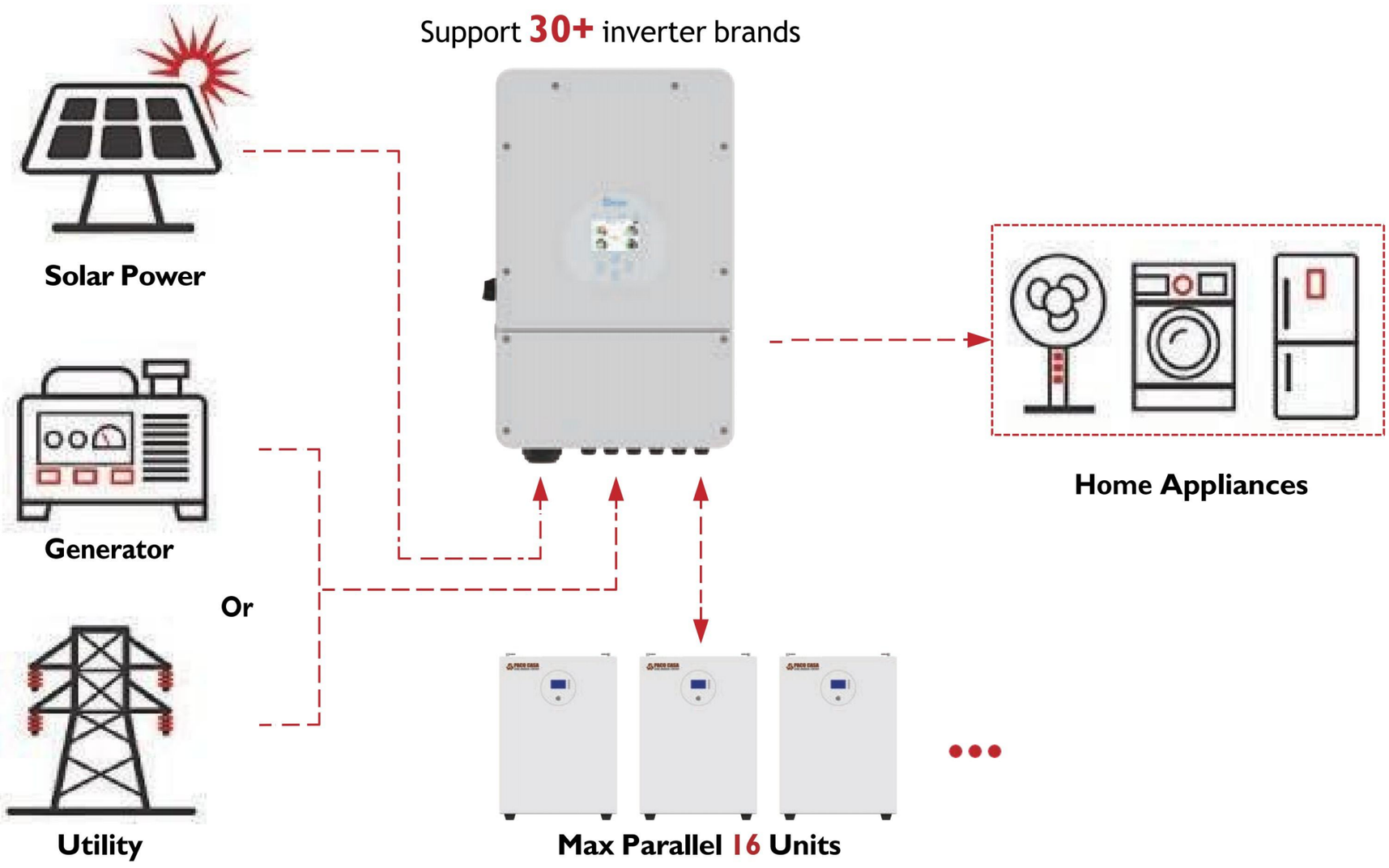
Battery Introduction

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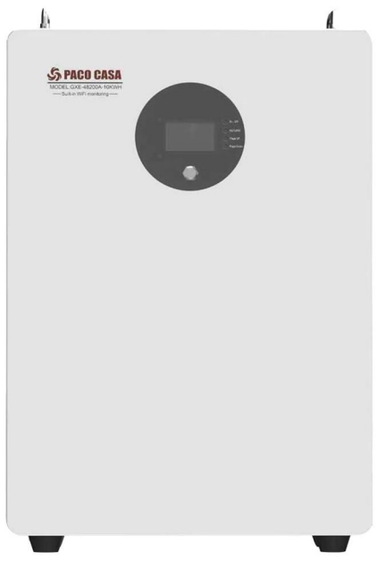


No.	Specification	No.	Specification
1	Positive ”+” Port	10	SOC LED
2	Negative ”-” Port	11	GND
3	Air Switch	12	LCD Display
4	WiFi	13	Power Switch
5	RS485	14	LCD Key
6	CAN/RS485	15	Wall bracket
7	RST	16	Handle
8	ADD	17	Foot cup
9	ALM/RUN LED		

Connection Diagram



Packaging List



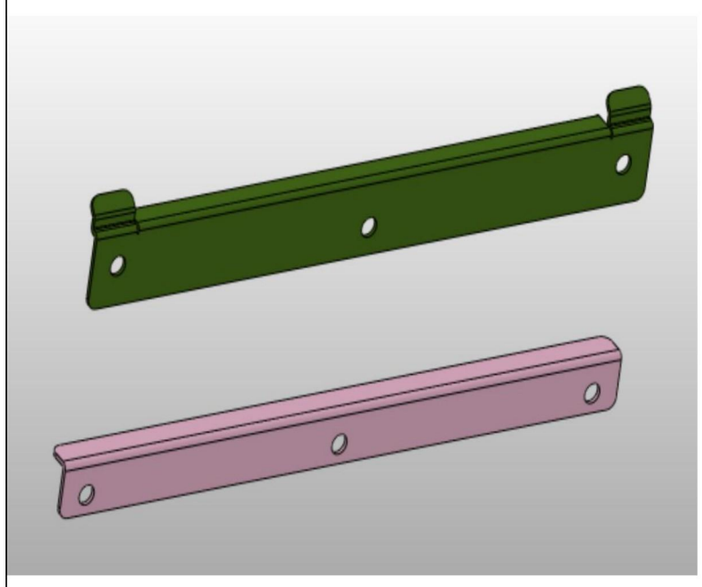
Battery × 1



2.0m Communication Wire x 1



2AWG(35mm2)
2.0m Red Power Line × 1
2.0m Black P1ower Line × 1



Stent

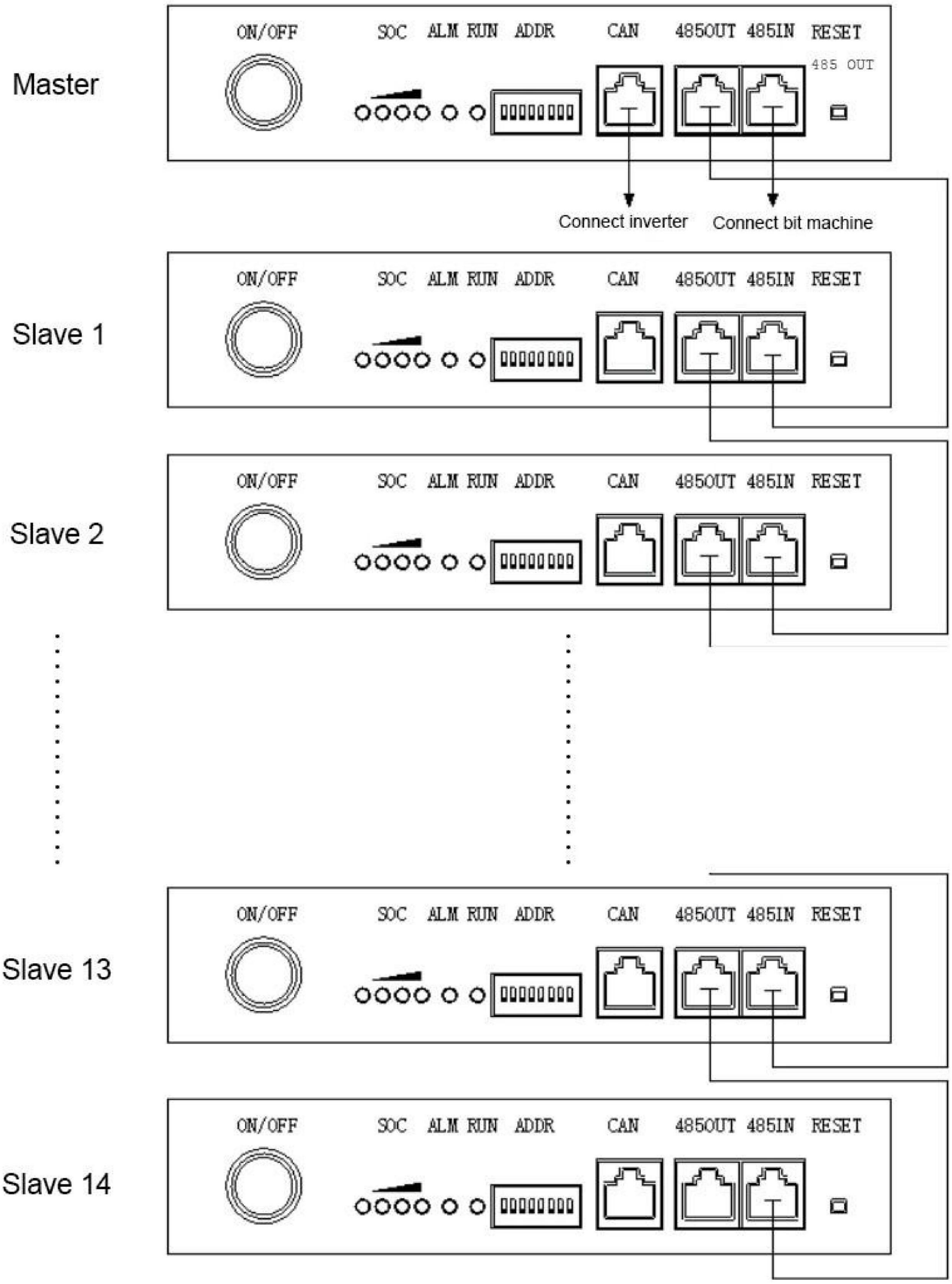


6 expansion screws

Master-Slave Connection Diagram

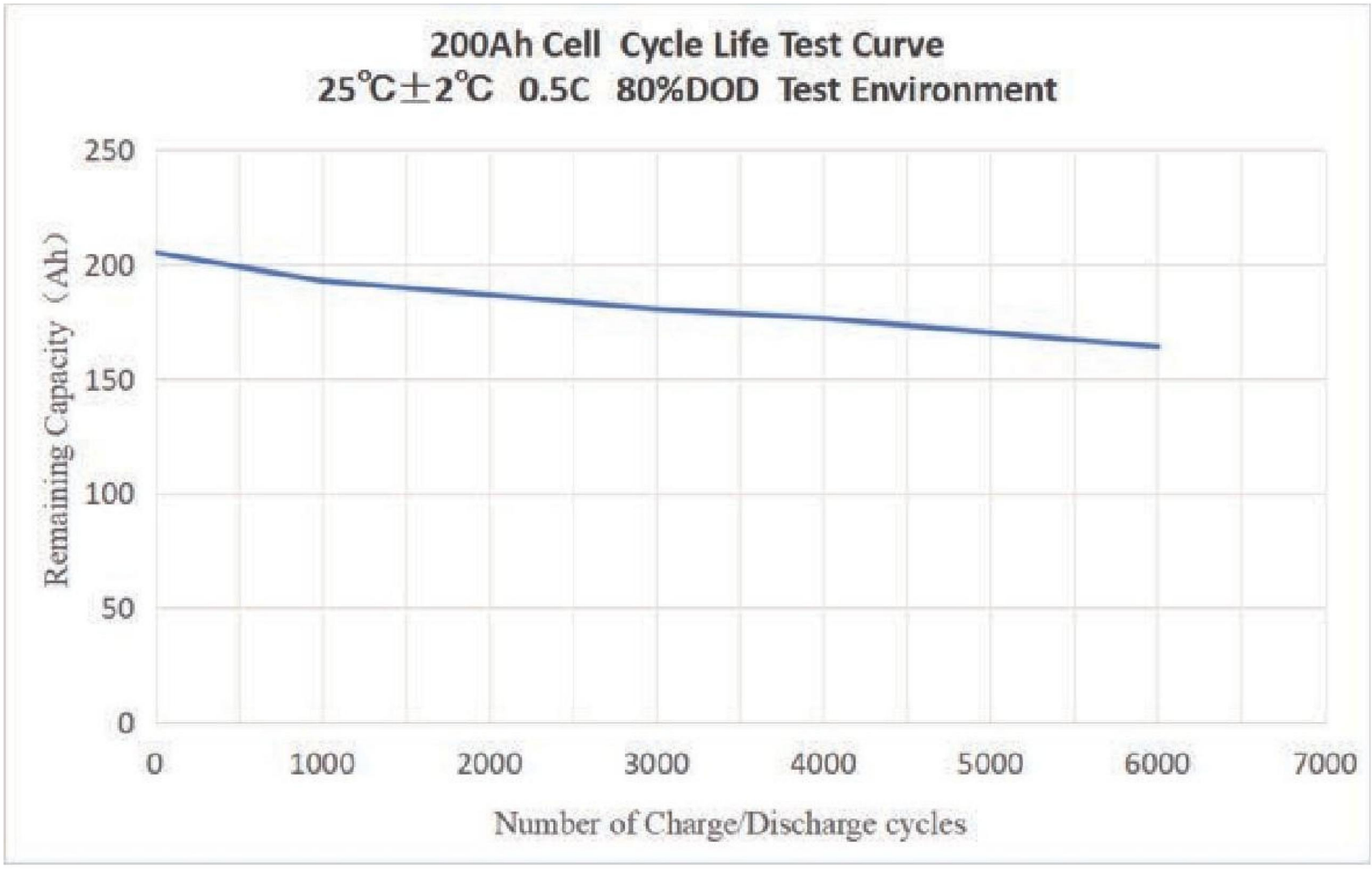
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The schematic diagram of automatic dialing connection is as follows: After the communication cables are connected correctly, the system will automatically recognize and realize parallel connection. No DIP switch operation is required.



Charge/Discharge Cycles

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Warning and Safety Suggestion

Warning	● Place the energy storage battery in a dry and ventilated location,away from water or fire. ● Keep away the battery from children and pets. ● Before electrical connection, ensure that the energy storage battery switch is at "OFF" . ● Positive and negative connection can not be reversed, there will be the risk of burning BMS, even fire and explosion. ● If deformation,swelling,leakage or other issues are found,please do not use. ● Do not disassemble the battery or replace the battery cell by yourself.Incorrect disassembly can cause short circuits and problems such as fire,gas and explosion.
Suggestion	● The best battery work temperature is 20℃ ~ 40 ℃(68°F ~ 104 °F). Avoid placing in a overheat or ovecool environment, the battery is at a risk of explosion when the ambient temperature exceeds 150℃(302℉) . ● When the Battery pack to be long-term stored,charge the battery arrive to at least 60% capacity once 3 months,otherwise the battery cell may be damaged.