

Wall Mounted Lithium Battery Pack



Wall Mounted

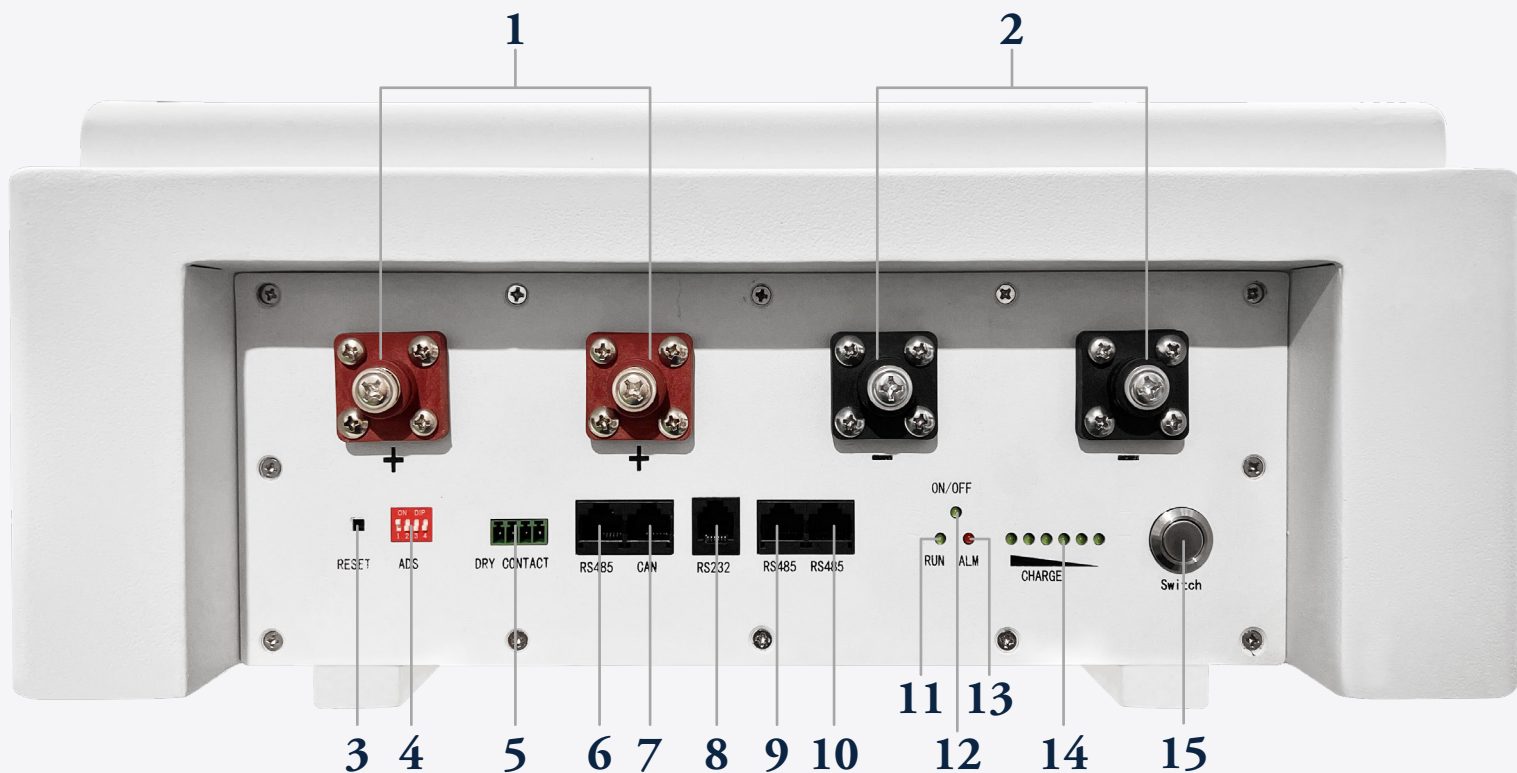
Lithium Battery Pack

FEATURES

- 10000 Cycles
- Calender Life > 10 years
- Wall-Mounted Installation
- Equipped With Battery Status Monitor
- Support RS485/CAN Communication
- Free-Maintenance



DESCRIPTION



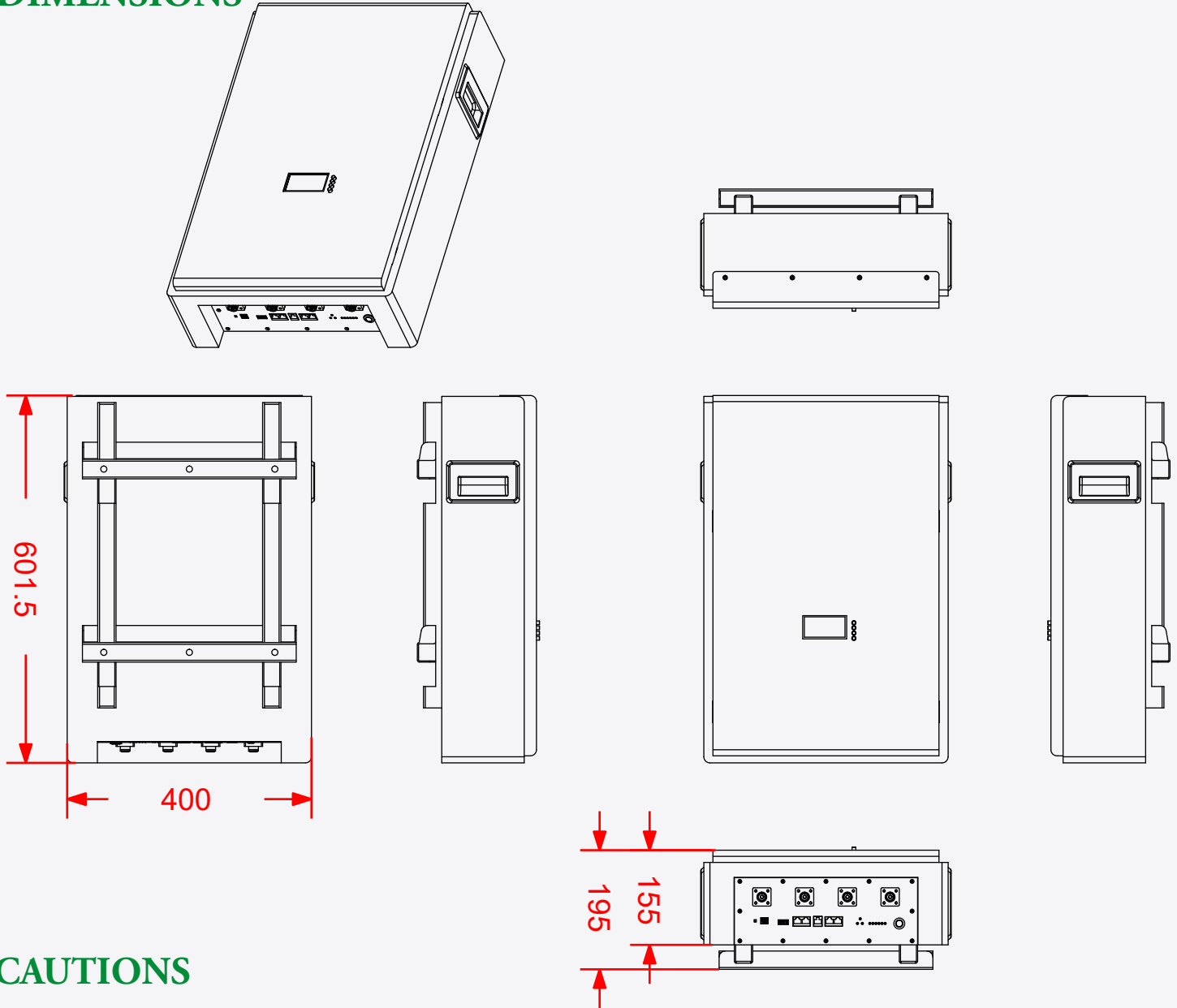
1	Positive	2	Negative
3	Reset	4	Address
5	Dry contact	6	RS485A(to Inverter)
7	CAN	8	RS232
9	RS485B(parallel operation)	10	RS485B(parallel operation)
11	RUN(LED)	12	ON/OFF(LED)
13	Alarm(LED)	14	Charge(LED)
15	Main Switch		

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DIMENSIONS



CAUTIONS

- Do NOT expose the battery to water
- Do NOT expose the battery to fire & high temperature
- Do NOT short circuit, crush or disassemble
- Make sure the inverter's setting matches with the battery's charge & discharge characteristic
- Store at 50% capacity, and recharge the battery every 3 months
- The storage area should be clean, cool, dry and ventilated
- Disconnect the battery from the inverter and shut down the BMS when the battery is in storage status
- Maximum connection in 16 parallel, no series connection supported

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PARAMETER

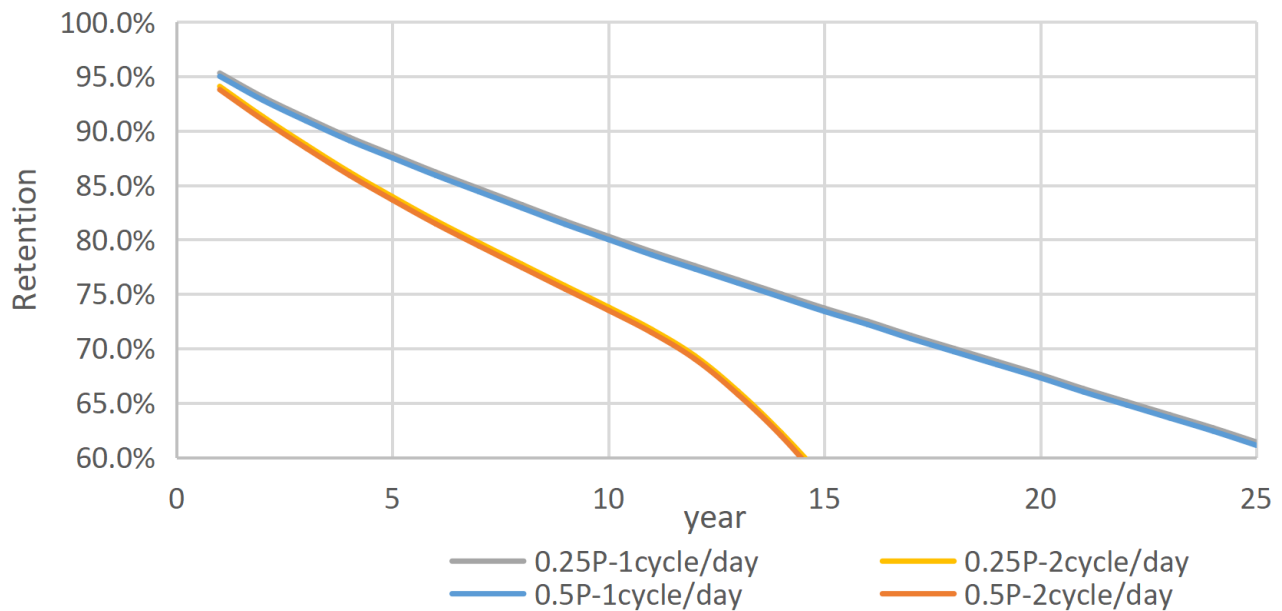
MODEL	WM 512100
COMPREHENSIVE PARAMETERS	
Battery Voltage	40V~58.4V
Storage Capacity	5120Wh
Weight	45.5KGS
Colour	White
External Dimension	601.5*400*155mm
Warranty	5 Years
BATTERY MODULE PARAMETERS	
Type of batter	LiFePO4
Capacity	102Ah
Battery Cycle Life	6000 times, DOD≥90% ; 10000 times, DOD≥80%
Modular Structure	1P16S
OVERALL CHARACTERISTIC	
Capacity for assembled cell discharging by 0.2C	≥100Ah
Standard Charge Condition	Charge with 0.5C constant current and 58.4Vconstant voltage, charge to 58.4V,continue charging till current declineto ≤0.01C
Maximum Charge Current	100A
Maximum Discharge Current	
Internal Resistance	≤80mΩ Assemblage Impedance
Cycle Life	≥10000@25℃ , 80%EOL
Recommend Charging Temperature	0℃ ~ 50℃
Recommend Discharging Temperature	-15℃ ~ 50℃
Storage Temperature	
Humidity	0-90%
Maximum Altitude	3000m
FUNCTIONAL CONFIGURATION	
LED Panel (Light Emitting Diode)	YES
Communication	RS485, CAN, RS232
IP Rating	IP21
Parallel Capability	Up to 6 units
LED Power Display	Traffic Light Display
BMS Control	Control Battery Performance
Package Size	675*515*265mm (Carton); 685*525*280mm (UN Wooden)
CERTIFICATION	
Safety	IEC62109-1, IEC62109-2,UL1741
EMC	EN61000-6-1, EN61000-6-3, FCC 15 class B
RoHS	Yes

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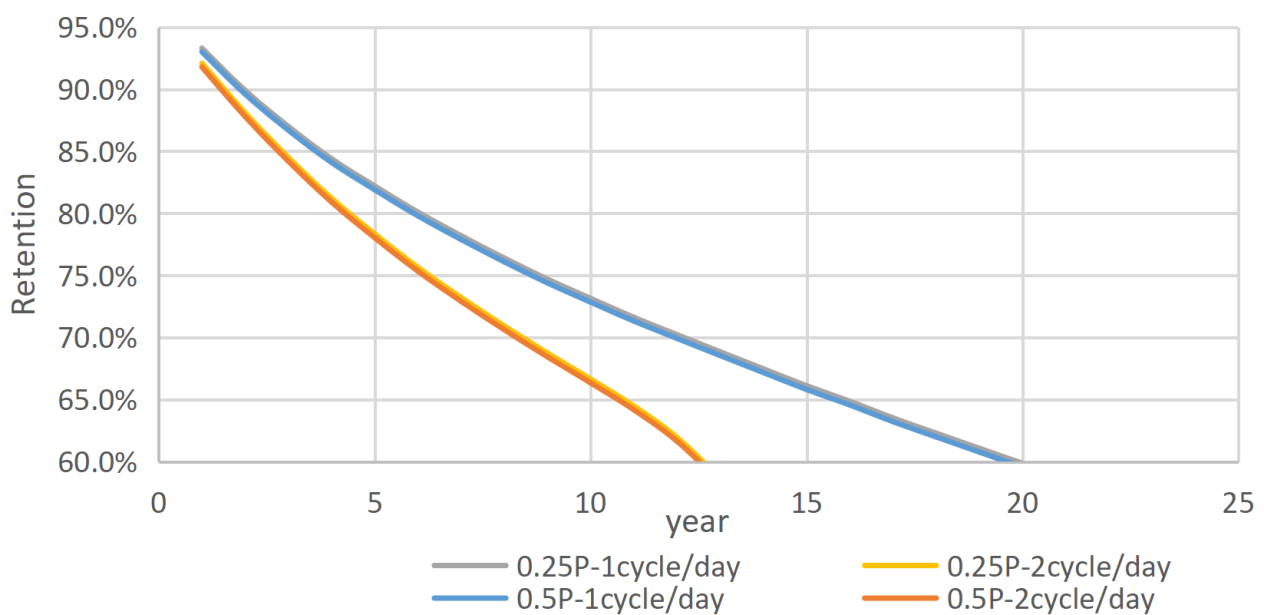
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Capacity Retention



Capacity Retention



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