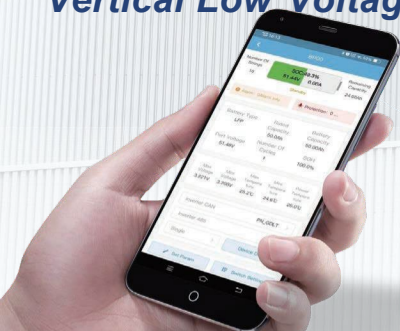


BSMW Series

Vertical Low Voltage Lithium Battery



WiFi APP download:



BASIC PARAMETERS		BSM48314W
Nominal Voltage (V)		51.2
Nominal Capacity (AH)		314
Usable Capacity (KWH)		16.076
Charge Voltage (V)		58.4
Discharge Voltage (V)		40
Battery System Discharge Current (Standard)		157
Battery System Discharge Current (Max)		200
Peak Charge/Discharge Current(A)		240(2S)
Communication		RS485/RS232/CAN
Working Temperature		0°C~50°C Charge -10°C ~50°C Discharge
Shelf Temperature		-20°C~60°C
certification		CE/IEC/UL/UN38.3/MSDS
Design Life		10 years+
Size(mm)		450*944*276
Weight(KGS)		120
Cycle Life ^[1]		>8000
Enclosure Protect Level		IP32

[1] Test conditions: 0.2C Charging/Discharging, @25°C, 80%DoD



Tailor-made Cabinet
Suitable for multi-module installation



Easy to Install
Plug and play



Larger Capacity
More energy for long time use



High Safety
LFP&smart BMS



Wide Compatibility
Matching with leading inverter brands



Wide Temperature Range
Range of -20~50°C

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*Release BLUESUN Battery Series-2025-03-Rev01-EN