

ATOM WB

5kWh Wall-mounted LiFePO4 Battery

5kWh wall-mounted LiFePO4 battery, designed for residential energy storage, stylish design and Supports wall-mounted installation.

▲ This picture is for reference only

IP65
Indoor and outdoor installation options

C3+ class Anti-corrosion battery housing

Various installation
Wall mounted &Floor standing

Cycle Life
Up to 6000+ cycles

High safety
Equipped with advanced BMS , with voltage, current, power, temperature, shunt trip and other protection functions

With active balancer
Extend the battery service life

Hailei

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Item	Parameters
Model	ATOM WB-512100-1
Nominal Voltage	51.2V
Working voltage	43.2-57.6V
Nominal Capacity	100AH
Energy	5120WH
Communication	CAN/RS485
Resistance	≤45 mΩ @ 50% SOC
Efficiency	＞96%
Scalability	Up to 15Units ,Suggest 8 Units Max
Alarms	Over Charge/Over Discharge/Over Current/Over Temperature/Short Circuit
Monitoring and Protection	Each Battery has Smart BMS,Breaker
Recommended Charge Current	50A
Max Charge current	100A
Recommended Charge Voltage	57.6V
BMS Charge Cut-off Voltage	58.4 V (3.65V/Cell)
Balancing Starting Voltage	3.4V/Cell
Compatible Inverter Power	5KW(for single module)
Max Continuous Discharge Current	100A
Peak Discharge Current	110 A（10s)
BMS Discharge Cut-off current	150 A (500ms)
BMS Discharge Cut-off Voltage	43.2V (2.7V/Cell)
Recommended Discharge DOD	90%
Dimensions (L*W*H)	520*500*140mm
Reference Weight	51KG approx
Terminal Type	Quick Connector
Case Material	SPCC
Protection Class	IP65
Auxiliary heating function	Optional
Discharge Temperature	-20-60℃
Charge Temperature	0-45℃
Storage Temperature	10-30℃
BMS High temperature Cut-off	65℃
Compatible Inverters	DEYE /Afore /MEGAREVO/SOLIS/Growatt /LUXPOWER/Voltronics/Goodwe/ SMA/Victron/SOROTEC/MUST/etc.
Certification	CE/IEC62619/CEI-021/UN38.3/MSDS