

ATOM WB MAX 10kWh Wall-mounted LiFePO4 Battery

10kWh wall-mounted LiFePO4 battery, designed for residential energy storage, stylish design and Supports wall-mounted installation.

▲ This picture is for reference only



APP monitoring
Real-time monitoring and Remote upgrade



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

Item	Parameters
Model	ATOM WB MAX-512200
Nominal Voltage	51.2V
Working voltage	43.2-57.6V
Nominal Capacity	200Ah
Energy	10240Wh
Communication	CAN/RS232/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	75A
Max Charge current	100A
Recommended Charge Voltage	57.6V
BMS Charge Cut-off Voltage	58.4V (3.65V/Cell)
Balancing Starting Voltage	3.4V/Cell
Compatible Inverter Power	5KW(for single module)
Max Continuous Discharge Current	150A
Peak Discharge Current	160A (1s ,1-5s settable)
BMS Discharge Cut-off current	200A (100ms, 100-500ms settable)
BMS Discharge Cut-off Voltage	43.2V (1s) (2.7V/Cell)
Recommended Discharge DOD	90%
Dimensions (L*W*H)	"550*236*699mm"
Reference Weight	215.6lbs(98Kg)
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/UN38.3/MSDS