


ATOM WB

5kWh / 10kWh Wall-mounted LiFePO4 Battery




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


▲ This picture is for reference only.
 This product is exclusively for the Italian market, provided by Hailei to support the Afore system.




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

Model	ATOM WB-512100	ATOM WB MAX-512200
Item	Parameters	Parameters
Nominal Voltage	51.2V	51.2V
Working voltage	43.2-57.6V	43.2-57.6V
Nominal Capacity	100AH	200AH
Energy	5120WH	10240WH
Communication	CAN/RS485	CAN/RS485
Resistance	≤45 mΩ @ 50% SOC	≤45 mΩ @ 50% SOC
Efficiency	> 96%	> 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	75A
Max Charge current	100A	100A
Recommended Charge Voltage	57.6V	57.6V
BMS Charge Cut-off Voltage	58.4 V (3.65V/Cell)	58.4 V (3.65V/Cell)
Balancing Starting Voltage	3.4V/Cell	3.4V/Cell
Compatible Inverter Power	5KW(for single module)	5KW(for single module)
Max Continuous Discharge Current	100A	150A
Peak Discharge Current	110 A (10s)	160A (1s ,1-5s settable)
BMS Discharge Cut-off current	150 A (500ms)	200A (100ms, 100-500ms settable)
BMS Discharge Cut-off Voltage	43.2V (2.7V/Cell)	43.2V (1s) (2.7V/Cell)
Recommended Discharge DOD	90%	90%
Dimensions (L*W*H)	550*165*480mm	550*236*699mm
Reference Weight	56KG approx	98KG approx
Terminal Type	Quick Connector	Quick Connector
Case Material	SPCC	SPCC
Protection Class	IP65	IP65
Auxiliary heating function	Optional	Optional
Discharge Temperature	-20-60 ℃	-20-60 ℃
Charge Temperature	0-45 ℃	0-45 ℃
Storage Temperature	10-30 ℃	10-30 ℃
BMS High temperature Cut-off	65 ℃	65 ℃
Compatible Inverters	DEYE /Afore /MEGAREVO/SOLIS/Growatt /LUXPOWER/Voltronics/Goodwe/ SMA/Victron/SOROTEC/MUST/etc.	
Certification	CE/IEC62619/CEI-021/UN38.3/MSDS	CE/UN38.3/MSDS