

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



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-512100 |
| 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) | 550*165*480mm |
| Reference Weight | 56KG 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 |