

ATOM AES

Outdoor stack battery system all-in-one

Residential energy storage system, modular battery, suitable for residential energy storage, one set provides electricity for the whole house.



▲ This picture is for reference only



APP monitoring
Real-time monitoring and Remote upgrade



IP65
Indoor and outdoor installation options



With active balancer
Extend the battery service life



Cycle Life
Up to 6000+ cycles



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

Basic Parameters	1-module	2-module
Argument	6KW+5KWh	6KW+10KWh
Output power	5000W	6000W
Input voltage range	220-240VAC	220-240VAC
Output voltage	230VAC+5%	230VAC+5%
Output frequency	50Hz ± 0.3Hz/60Hz ± 0.3Hz	50Hz ± 0.3Hz/60Hz ± 0.3Hz
Battery type	LiFeP04 battery	LiFeP04 battery
Depth of discharge	51.2V100Ah	51.2V100Ah
Number of batteries	1	2
Charging current	80A	80A
Output waveform	Pure sine wave	Pure sine wave
Output efficiency	> 93%	> 93%
Weight	About 100Kg	About 160Kg
Dimension	600*228*880	600*228*1280
Protection class	IP65	IP65
Cooling mode	Air cooling	Air cooling
Operating temperature range	0-55 C	0-55 C
Storage temperature	-15-40 C	-15-40 C
Relative humidity	0-90%RH	0-90%RH
Certification standard	CE	CE

Application scope



Household



Company



Hotel