

ATOM HS

New generation high-voltage stackable battery system, suitable for high power residential energy storage application.



▲ 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



Cycle Life
Up to 6000+ cycles



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



High power
Each battery cluster can deliver power up to 40KW Max

Basic Parameters	3-Modules	4-Modules	5-Modules	6-Modules	7-Modules	8-Modules
Model	ATOM HS-15.36	ATOM HS-20.48	ATOM HS-25.6	ATOM HS-30.72	ATOM HS-35.84	ATOM HS-40.96
Battery type	LiFePO4					
Nominal voltage	153.6V	204.8V	256.0V	307.2V	358.4V	409.6V
Nominal capacity	15.36kWh	20.48kWh	25.6kWh	30.72kWh	35.84kWh	40.96kWh
Max charge and discharge current	100A					
Max charge and discharge power	15.36kW	20.48kW	25.6kW	30.72kW	35.84kW	40.96kW
Communication	CAN/RS485/WIFI					
Weight	182Kg	232Kg	282Kg	332Kg	382Kg	432Kg
Dimensions (L*W)	590*405mm					
Dimensions (H)	675mm	835mm	995mm	1155mm	1315mm	1475mm
Working temperature range	charge 0~45°C, discharge -20~55°C					
Efficiency	≥97%					
Cycle life	6000cycles					
Designed lifespan	≥10 years					
Shell protection grade	IP65					
Shell protection grade	C3+ class anti-corrosion					
Auxiliary heating function	Optional					
Parallel connection	suggest ≤ 4 clusters					
Installation	Floor standing					
Compatible inverter	Afore ,Growatt ,Solis , DEYE ,Pylon,Megarevo ,INVT, and customization					
Certification	CB-IEC62619,CE,UN38.3					

Product Applications

Off-grid, Hybrid, Back-up, Peak Shaving, and Virtual Power Plant Home Appliances, Uninterrupted Power Supply etc.

