

ATOM HS



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

▲ 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


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

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
Parameter						
Modules	3-Modules	4-Modules	5-Modules	6-Modules	7-Modules	8-Modules
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	charge0~45C , discharge-20~55C					
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					