

CIS 240kWh

Industrial & Commercial Storage Cabinet



Flexible Expansion

Maximum support for 8 machines in AC parallel, expandable to 1.92MWh;

IP54

Resistant to outdoor installation with strong environmental adaptability;

Smart BMS

Automatic balancing between packs.

PRODUCT FEATURES



Safe&Reliable

Equipped with multiple protection mechanisms such as fire protection, surge protection, circuit breakers, relays, etc;



Economical

Pre-made machine delivered as a whole for easy transportation& installation& maintenance, saving up to 15% in costs.



Minimalist

Front and rear double door design, compact structure, clear and simple layout, resulting in high space utilization.



Intelligent

Platform supports remote monitoring& maintenance& intelligent balancing strategy for battery life cycle consistency& revenue improvement.



Usability

Integrated distribution box, easier to use and convenient for later maintenance.

Technical Specifications



Model	240kWh/64V/314Ah	240kWh/384V/314Ah
Battery Type	LiFePO ₄ Prismatic	
Nominal Energy	20.096kWh	241.152kWh
Usable Energy*	18.6kWh	224.2kWh
Nominal Capacity	314Ah	
Nominal Voltage	64V	768V
Operating Voltage	60~70V	720~840V
Recommended Charge&Discharge Current	100A/100A	
Max Charge/Discharge Current	150A/150 A	
Peak Discharge Current	200A(3S)	
Peak Discharge Power	12.8kW	150kW
Recommended Depth of Discharge (DOD)	93%	
Charging Temp. Range	From 0~55 C	
Discharging Temp. Range	From -10~55 C	
Cycle Life	>6000@25 C	
Scalability	12 Series	8 Parallel
Communication	Daisy-chain	CAN/ RS485
IP Rating	IP20	IP54
Recommended Humidity	5%~95%(No condensed water)	
Cooling Type	Natural cooling	
Color	White	
Installation	Ground Mounting	
Net Weight	145±2kg	2340kg(Include Cabinet)
Dimension(L*W*H)	893*387*243mm	1370*1350*1860mm
Protection	Over-current/Over-voltage/Short circuit/ Under-voltage/Over temperature	
Warranty	5/10 years(optional)*	
Certification	UN38.3/CE/IEC62619	

Testing conditions based on temperature 25°C at the beginning of life.

*Total Energy/Usable Energy measured under specific conditions by WELSON 0.2C CC-CV and based on recommended DOD(93%)