



HV112K Air-cooled

Capacity Customizable

Distributed Energy Storage Cabinet

112kWh



Grade A LFP cells

Excellent cell consistency, low internal resistance dispersion and long cycle life



Wide Compatibility

Compatible with mainstream PV inverters and power grid systems, offering broader application scenarios.



Smart & Efficient

Supports remote monitoring and automatic fault early warning, enabling efficient and hassle-free operation and maintenance.

Basic	Specifications
Product	HV 112K
Nominal Voltage	358.4V
Nominal Capacity	314AH
Cabinet Size(mm)	1250*1245*2175mm
Weight(kg)	1360kg
Charge/discharge power MAX	140A
Cooling method	Air-cooled
Protection class	IP55
Type of firefighting	Aerosol

Battery Side	Specifications
BatteryTypes	51.2V-314AH
Nominal Capacity	112KWh
Recommend Charge/Discharge Current	100A
Max.Charge/Discharge Current	140A
Communicaiton	RS485/CAN
Working Temperature	0~50℃ Charge -10~50℃ Discharge
Transport or Storage Temperature Range	-20℃~60℃
Certification	CE/EC/UL/UN38.3/MSDS
Design Life	10years+
Cycle Life	(0.5C/0.5C-80% DoD)>6000 times
Cooling method	Air-cooled
Certification	UN38.3/MSDS/ROHS

AC Side	Specifications
Rating	50KW
Overloaded	110%
Rated AC Voltage	400V
Rated frequency	50/60Hz
Communicaiton	Ethernet/Modbus/TCP/IP
Inverter Type	Deye/Solis/Megarevo/Other