

BATTERY OUTDOOR CABINET

Product introduction >>

The battery outdoor cabinet is safe, reliable, intelligent, efficient and flexible to deploy. Through modular design and advanced management technology, it provides users with cost-effective energy storage solutions. From cell-level safety control to system-level intelligent scheduling, it fully meets the energy storage needs of different scenarios, and helps green energy transformation and intelligent upgrade of power systems. It adapts to a variety of hybrid inverter brands, fully adapts to support single-branch and two-branch inverters.

Performance characteristics >>

| Strong environmental adaptability

It has the characteristics of waterproof, dustproof, sun-proof, and corrosion-resistant. It can operate stably for a long time in high temperature, humid, dusty and other outdoor environments, protecting the battery from external erosion.

| Safety protection design

Fireproof materials or heat-insulating structures are usually used to reduce the risk of fire caused by battery overheating or short circuit; some products are equipped with anti-theft locks or intelligent monitoring systems to improve safety.

| Modularity and scalability

Supports flexible combination of multiple battery packs to meet different capacity requirements; reserved interfaces are convenient for later upgrades or connection to other devices (such as solar panels, inverters, etc.).

| Saving space and flexible deployment



Technical parameters

Model	JHHV-P4	JHHV-P5	JHHV-P6	JHHV-P7	JHHV-P8	JHHV-P9
Cell Parameters						
Cell type	Lithium Iron Phosphate Cell					
Cell specification	3.2V314Ah					
PACK Parameters						
Combination method	16S1P					
Rated voltage (V)	51.2					
Operating voltage (V)	48~56.8					
Rated electric energy (kWh)	16					
Standard charge/discharge power	0.5P					
System Composition						
System composition	4pack	5pack	6pack	7pack	8pack	9pack
Rated voltage (V)	204.8	256	307.2	358.4	409.6	460.8
Operating voltage (V)	192~227.2	240~284	288~340.8	336~397.6	384~454.4	432~511.2
Rated electric energy (kWh)	64.3	80.4	96.5	112.5	128.6	144.7
Maximum charge/discharge Rate	0.5P					
Protection&General parameter						
Dimension (D*W*H)mm	1300*750*1650	1300*750*1905	1300*750*2160	1300*1163*1395	1300*1163*1650	
Weight(t)	0.9	1.0	1.1	1.5	1.7	1.8
DC overcurrent protection	Yes					
DC short circuit protection	Yes					
DC overvoltage protection	Yes					
Over temperature protection	Yes					
Fire protection	Aerosol/Perfluorohexanone (Optional)					
Incoming line method	Side connection					
Environmental temperature(°C)	-20~50 (De-rating power from 45)					
Charging temperature(°C)	0~50					
Discharging temperature(°C)	-10~60					
Environmental humidity(%RH)	<95%RH, Non-condensing					
Working altitude(m)	8000Reduce capacity for use above 2000 meters)					
Protection level	IP54Key Device IP65)					
Cooling method	Industrial air conditioning					

Note: The actual product shall prevail. Parameters are subject to modification without prior notice.