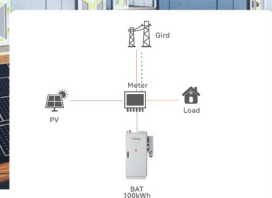


100kWh DC Energy Storage System

Plug-and-play inverter compatibility
Triple Safety Monitoring



Features



Multi-Status Visual Indication

- Instant operational status recognition
- Hazardous condition alert within 1s



Triple Safety Monitoring

- Real-time detection: Combustible gas, smoke, temperature
- Cabinet equipped with automatic fire alarm



Plug-and-play inverter compatibility

- 6,000-cycle durability certification
- Auto-recognition & plug-and-play



Equipped with a display screen

- Real-time system parameter visualization
- Integrated fault diagnosis system

PERFORMANCE SPECIFICATIONS

Battery Pack	HZEB-HCT-15
Cell Type	LiFePO4
Nominal Energy	14.336kWh
Nominal Capacity	280Ah
Nominal Voltage	51.2V
Recommended Current	140A
Cooling Method	Fans Cooling
Charging Temperature Range	0°C~55°C
Discharging Temperature Range	-10°C~55°C
Module IP Rating	IP20
Module Parameters	
Model	HZEB-HCT-100
Cell type	LiFePO4
Nominal Energy	100.35kWh
Nominal Capacity	280Ah
Nominal Voltage	358.4V
Operating Voltage Range	302.4~403.2V
Combination Method	1P112S
Charge and Discharge Current	140A
Discharge Depth	Max100%(Suggestion 80%)
IP Rating	IP54
Anti corrosion grade	C3
Installation Environment	Out Door
Cooling Method	Air Cooling
Operating Temperature	-10°C~55°C(>45°C derating)
Operating Humidity	5%~90%RH(non-condensing)
Operating Altitude	≤2000m
Cycle Life	≥6000Cycles@25°C,80%DOD
Warranty	10 years
Dimension (L/W/H)(mm)	915*1287*2050mm
Weight	1320kg

Application Scenarios

