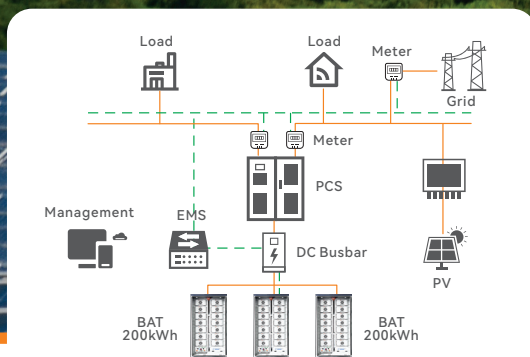


200kWh DC LONG POWER 4.0

Energy Storage System



Features and Advantages



HIGH SECURITY

- Comprehensive, multi-level battery warning and protection strategy, high security



INTELLIGENT CONTROL

- Intelligent climate control systems for a wide range of applications



STABLE OPERATION

- With perfect communication, monitoring function, long-time continuous and stable operation



FIRE FIGHTING SYSTEM

- Cabinet equipped with automatic fire alarm and automatic fire extinguishing system

Model		HZEB-HCT-200
Battery Pack(1P16S)		
Battery Pack		HZEB-HCT-15
Battery Type		LiFePO ₄
Rated Voltage		51.2V
Nominal Capacity		280Ah
Pack Energy		14.336kWh
Weight		130kg
Battery System(1P224S)		
Rated Voltage		716.8V
Nominal Energy(kWh)		200.7kWh
Usable Energy(kWh@90%DOD) ^[1]		180.63kWh
Max.Charge/Discharge Current(A) ^[2]		140A
Voltage Range		627.2-806.4V
Cycle Life ^[3]		≥6000Cycles(25°C,0.5C/0.5C,90%DOD,70%EOL)
Warranty Period ^[4]		5+5 years
Cumulative Discharge Energy		322.3MWh
Configuration		1P224S
Scalability		Up to 10 units in parallel
Relative Humidity		90%
Cooling Method		Air cooling
Noise		75dB(<1m distance)
Altitude		≤2000m
Operating Temperature Range(°C)		-30°C~55°C (> 45°C derating)
Display Mode		Green light: system running / Red light: system alarm
Communication Interface		CAN;RS485
BMS Communication Method		CAN
IP Rating		IP54
Anti-corrosion Grade		C3(Optional C5)
Dimension (W*D*H)		1250*1413*2385mm
Weight		2450kg
Certifications		UN38.3,MSDS,IEC62619(CB),CE-EMC

[1] DC usable energy,test conditions: 25°C±2°C,0.5C charge & discharge,90% DOD.System usable energy may vary due to system configuration parameters.

[2] The current is affected by temperature and SOC.

[3] Battery cell life standard, using cells that meet the requirements of this standard.

[4] Conditions apply,refer to Dawnice Warranty Agreement.

Text and images correspond to the current state of technology at the time of printing, subject to modifications.All information is without guarantee in spite of careful editing-liability excluded.