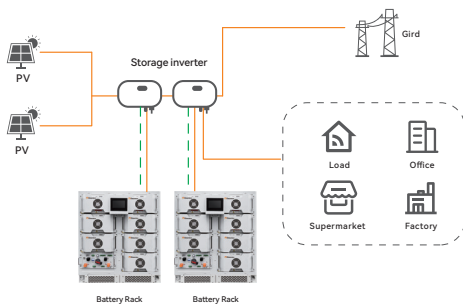


Rack Mounted Energy Storage Battery EnterFlex-2.0

Dust proof, no cable leakage, more safer
and beautiful appearance



Features and Advantages



SAFETY

- Multi-protection from self developed BMS



EASY TO SCALE UP

- Be connected in parallel based on 51.2V



HIGH FLEXIBILITY

- BMS self-identification, up to 10 units in parallel, meet your requirements from 45kWh-2150kWh



BETTER HEAT DISSIPATION

- Temperature difference reduced by 35%
Temperature rise reduced by 32.12%

SPECIFICATIONS			
Model(High voltage)	HZEB-HCT-86	HZEB-HCT-100	HZEB-HCT-143
Nominal Voltage(V)	307.2V	358.4V	512.0V
Cell mode/Configuration	3.2V280Ah/16S1P		
Capacity(Ah)Cell	280Ah		
Nominal Energy(kWh)	86.01kWh	100.35kWh	143.36kWh
Usable Energy(kWh@90%DOD) ^[1]	77.41kWh	90.31kWh	129.02kWh
Max.Charge/Discharge Current(A) ^[2]	140A		
Voltage Range(V)	268.8~345.6V	313.6~403.2V	448~576V
Scalability	Up to 10 units in parallel		
Communication Interface	CAN;RS485		
Cycle Life ^[3]	≥6000Cycles(25℃,0.5C/0.5C,90%DOD,70%EOL)		
Warranty Period ^[4]	5+5 years		
Cumulative Discharge Energy	138.1MWh	161.2MWh	230.2MWh
MECHANICAL SPECIFICATIONS			
Weight(kg)	860kg	1050kg	1375kg
Dimension(W*D*H)	1100*792*1218mm	1100*792*1218mm	1100*792*1722mm
IP Rating	IP20		
SECURITY AND CERTIFICATIONS			
Safety(Pack)	UN38.3,MSDS		
Safety(Cell)	UN38.3,MSDS,IEC62619,CE,UL1973,UL2054		
Protection	Short-circuit protection,overcurrent protection,over-temperature protection		
ENVIRONMENTAL SPECIFICATIONS			
Operating Temperature(℃)	Charge 0℃~55℃;Discharge-20℃~55℃		
Working Altitude(m)	≤2000m		
Humidity	≤90%(Non-condensing)		

[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.



SPECIFICATIONS			
Model(High voltage)	HZEB-HCT-172	HZEB-HCT--200	HZEB-HCT-215
Nominal Voltage(V)	614.4V	716.8V	768V
Cell mode/Configuration	3.2V280Ah/16S1P		
Capacity(Ah)Cell	280Ah		
Nominal Energy(kWh)	172.03kWh	200.7kWh	215.04kWh
Usable Energy(kWh@90%DOD) ^[1]	154.82kWh	180.63kWh	193.53kWh
Max.Charge/Discharge Current(A) ^[2]	140A		
Voltage Range(V)	537.6~691.2V	627.2~806.4V	672~864V
Scalability	Up to 10 units in parallel		
Communication Interface	CAN;RS485		
Cycle Life ^[3]	≥6000Cycles(25℃,0.5C/0.5C,90%DOD,70%EOL)		
Warranty Period ^[4]	5+5 years		
Cumulative Discharge Energy	276.3MWh	322.3MWh	345.4MWh
MECHANICAL SPECIFICATIONS			
Weight(kg)	1630kg	1895kg	2010kg
Dimension(W*D*H)	11100*792*1974mm	1100*792*2226mm	1100*792*2226mm
IP Rating	IP20		
SECURITY AND CERTIFICATIONS			
Safety(Pack)	UN38.3,MSDS		
Safety(Cell)	UN38.3,MSDS,IEC62619,CE,UL1973,UL2054		
Protection	Short-circuit protection,overcurrent protection,over-temperature protection		
ENVIRONMENTAL SPECIFICATIONS			
Operating Temperature(℃)	Charge 0℃~55℃;Discharge-20℃~55℃		
Working Altitude(m)	≤2000m		
Humidity	≤90%(Non-condensing)		

[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.

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