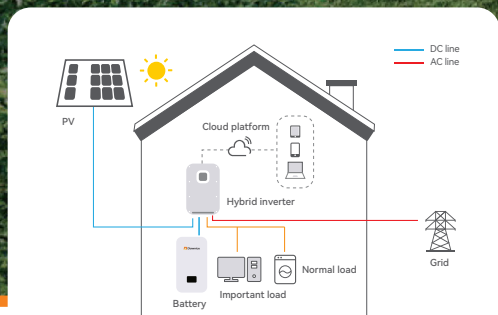


Energy storage battery PowerFly 6.0

Wall-mounted/Ground-mounted

5kWh/10kWh
16kWh/20kWh



Features



Mobile Control

- Remote fault diagnosis, upgrade and maintenance
- OCV intelligent algorithm calibration ensures SOC accuracy



IP54 Dust and Water Protection

- IP54 protection rating, resist 200mm continuous heavy rain
- Dust-proof with desert-grade shield



High Performance

- Big capacity with small volume for household
- Cycle life ≥ 8000 cycles



Flexible Adaptability

- Quick and easy installation
- Modular design, expandable to 15 units in parallel

PERFORMANCE SPECIFICATIONS

Model	HZEB-LCT-5	HZEB-LCT-10	HZEB-LCT-16	HZEB-LCT-20
Battery Type	LiFePO ₄			
Nominal Voltage	51.2V	51.2V	51.2V	51.2V
Configuration	3.2V100Ah/1P16S	3.2V206Ah/1P16S	3.2V314Ah/1P16S	3.2V392Ah/1P16S
Capacity(Ah)	100Ah	206Ah	314Ah	392Ah
Nominal Energy(kWh)	5.12kWh	10.54kWh	16.07kWh	20.07kWh
Usable Energy(kWh@90%DOD) ^[1]	4.61kWh	9.49kWh	14.47kWh	18.06kWh
Max.Charge/Discharge Current(A) ^[2]	100A	100A	150A	200A
Voltage Range(V)	44.8~57.6V			
Scalability	Up to 15 units in parallel			
Communication Interface	CAN、RS485			
Cycle Life (@25°C,90%DOD) ^[3]	≥5000Cycles	≥6000Cycles	≥8000Cycles	≥8000Cycles
Warranty Period ^[4]	5+5 years			
Cumulative Discharge Energy	8.2MWh	16.9MWh	25.8MWh	32.2MWh

PERFORMANCE SPECIFICATIONS

Weight(kg)	59kg	83.5kg	127kg	146kg
Dimension(W*D*H)	400*160*700mm	460*245*640mm	460*245*800mm	475*265*825mm
Installation Method	Wall-mounted/Ground-mounted			
IP Rating	IP54			

SECURITY AND CERTIFICATION

Safety(Pack)	UN38.3,MSDS,IEC62619(CB),CE-EMC,IEC63056			UN38.3,MSDS
Safety(Cell)	UN38.3,MSDS,IEC62619,CE,UL1973,UL2054			
Protection	BMS			

ENVIRONMENTAL SPECIFICATIONS

Operating Temperature Range(°C)	Charge 0°C~55°C;Discharge -20°C~55°C			
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 despite of careful editing--liability excluded.