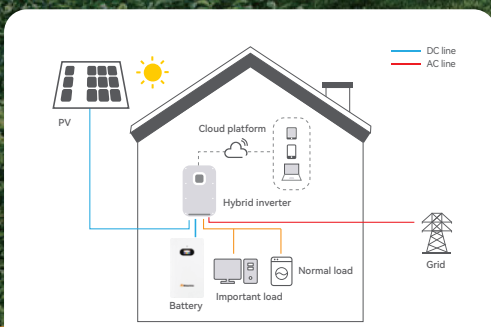


Energy storage battery PowerFly 6.0

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 \geq 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	3.2V205Ah/2P16S
Capacity(Ah)	100Ah	206Ah	314Ah	410Ah
Nominal Energy(kWh)	5.12kWh	10.54kWh	16.07kWh	20.99kWh
Usable Energy(kWh@90%DOD) ^[1]	4.61kWh	9.49kWh	14.47kWh	18.89kWh
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;RS232			
Cycle Life (@25°C,90%DOD) ^[3]	≥5000Cycles	≥6000Cycles	≥8000Cycles	≥6000Cycles
Warranty Period ^[4]	5+5 years			
Cumulative Discharge Energy	8.2MWh	16.9MWh	25.8MWh	33.7MWh

PERFORMANCE SPECIFICATIONS

Weight(kg)	59kg	83.5kg	127kg	180kg
Dimension(W*D*H)	400*160*700mm	460*245*640mm	460*245*800mm	650*265*850mm
Installation Method	Wall/Ground Mounted(20kWh battery ground-mounted only)			
IP Rating	IP54	IP54	IP54	IP21

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	BMS	BMS	BMS and breaker

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.

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