

Specification

Model	YL-HV192100-50	YL-HV256100-50
Electrical		
Battery Type	LiFePO4	
Nominal Voltage	192V	256V
Nominal Capacity	100Ah	100Ah
Nominal Energy	19.2kWh	25.6kWh
Max. Output Power	9.6kW	12.8kW
Recommended Charge Current	20A	20A
Max. Continuous Charge Current	50A	
Max. Continuous Discharge Current	50A	
Mechanical		
Net Weight	200kg	260kg
Dimension (W*D*H)	580*880*420mm	580*1040*420mm
Installation Way	Indoor Floor Installation	
IP Rating	IP31	
Operation & Configurations		
Battery Level	Brand New Premium Grade A Battery Cells	
BMS Level	High Precision Intelligent BMS	
Alarm and Protection	Multiple Protections from Battery Cells to Battery Pack	
Operating Voltage	162.00~219.00V	216.00~292.00V
Operating Temperature Charging	0~55°C	
Operating Temperature Discharging	-20~60°C	
Monthly Self Discharge	≤2% @25°C	
Efficiency of Charge & Discharge	≥99.5% @0.2C	
Cycle Life	More than 6,000 Times*	
Communication	CAN/RS485/Dry Contact	
Compatible Inverters	Growatt, Deye, Sol-Ark, SunSynk, Goodwe, Sofar, etc	
Parallel Capability	Support up to 7PCS in Parallel	
	Expendable up to 134.4kWh	Expendable up to 179.2kWh
Monitoring & Commissioning	PC Terminal or WiFi Module Remote Monitoring (Optional)	
Warranty	5 to 10 Years	
Certifications & Safety Standards	CE, IEC62619, IEC/EN61000-3, IEC/EN61000-6, ROHS, UL1973, UN38.3, MSDS	

*: @0.2C, 80% DoD, 25°C

High Voltage Battery

PowerUp Series



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Track Records Of Reliability

- 860 MWh** Over 860 MWh battery system global deployment
- 0%** 0% complaint rate for battery cells
- 0.5%** < 0.5% complaint rate for BMS
- Battery has been tested and approved by SGS, TÜV, UL third-party agencies
- Complied with IEC62619, EN/IEC61000-3, EN/IEC-61000-6, UL1973, RoHS, CE, MSDS, UN38.3
- 24 HOUR** 5 to 10 years warranty with 24 hours response after-sales services

Premium High Configurations

- 6,000 cycles** More than 6,000 cycles
- 10-15 years** 10~15 years life span
- A** Guaranteed Brand-New Premium Quality Grade A Battery Cells
- IC BMS** High Precision IC, Intelligent BMS
- 100%** 100%DoD supported 98% efficiency
- Meeting residential, commercial & industrial standards**

User Friendly

- Parallel capability up to 7 units, meeting different site energy requirements
- Excellent inverter communication compatibility: Deye, Growatt, Sol-Ark, SunSynk, Victron, Voltronic, Goodwe, Luxpower, Sofar, SMA, Schneider, Solis, TBB, INVT, etc
- PC Monitoring and optional WiFi remote monitoring & commissioning
- Wall-mounted, floor-standing, and rack-mounted installations supported
- International CLASS 9 dangerous goods packing certifications
- High energy density with light-weight
- Full set of matched accessories supported

