

# Specification

Model	YL-HV384025	YL-HV384050
<b>Electrical</b>		
Battery Type	LiFePO4	
Nominal Voltage	384V	384V
Nominal Capacity	25Ah	50Ah
Nominal Energy	9.6kWh	19.2kWh
Max. Output Power	9.6kW	19.2kW
Recommended Charge Current	12.5A	25A
Max. Continuous Charge Current	25A	50A
Max. Continuous Discharge Current	25A	50A
<b>Mechanical</b>		
Net Weight	85kg	140kg
Dimension (W*D*H)	600*850*200mm	950*1350*200mm
Installation Way	Indoor Wall Mount or Floor Installation	
IP Rating	IP65	
<b>Operation &amp; Configurations</b>		
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	300.00~438.00V	
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	
Compatible Inverters	Growatt, Solis, Deye, Sol-Ark, SunSynk, Goodwe, Sofar, SMA, Megarevo, Afore, etc	
Parallel Capability	Support up to 15 PCS in Parallel	
	Expendable up to 144kWh	Expendable up to 288kWh
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

Upcoming Certification: UL1973 cULus (USA and Canadian Version)



# High Voltage Batteries

## PowerUp Series

Water-proof Wall Mounted 384VDC Battery

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## User Friendly

- 10kWh to 288kWh expendable
- Excellent inverter communication compatibility:  
Growatt, Solis, Deye, Sol-Ark, SunSynk, Goodwe, Sofar, SMA, Megarevo, Afore, etc
- PC Monitoring and optional WiFi remote monitoring & commissioning
- Wall-mounted, Floor-standing
- High energy density with light-weight
- Full set of matched accessories supported

## 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
- 24 HOUR** 5 to 10 years warranty with 24 hours response after-sales services
- Complied with IEC62619, EN/IEC61000-3, EN/IEC-61000-6, UL1973, RoHS, CE, MSDS, UN38.3

## Premium High Configurations

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

