

Specification

Model	YL-WS384025	YL-WS384050
Electrical		
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
Mechanical		
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	
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	300.00~438.00V	
Operating Temperature Charging	0~55℃	
Operating Temperature Discharging	-20~60℃	
Monthly Self Discharge	≤2% @25℃	
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, Atess, etc	
Parallel Capability	Support up to 7 PCS in Parallel	
	Expendable up to 67.2kWh	Expendable up to 134.4kWh
Monitoring & Commissioning	PC Terminal or WiFi Module Remote Monitoring	
Warranty	10 Years	
Certifications & Safety Standards	CE, IEC62619, IEC/EN61000-3, IEC/EN61000-6, ROHS, UL1973, UN38.3, MSDS	

*: @0.5C, 80% DoD, 25°C

Upcoming Certification: UL1973 cULus (USA and Canadian Version)

High Voltage Batteries

PowerUp Series

Water-proof Wall Mounted 384VDC Battery



Outdoor-Ready for Extreme Weather
Built for rain, dust, humidity and harsh outdoor conditions



Smart Energy at Your Fingertips
Track charging, consumption and system status anytime through the mobile app



Smart Remote Monitoring & Maintenance
Remote system diagnostics, monitoring and firmware updates via WiFi



Installer-Friendly Integrated Design
All-in-one high-voltage architecture for faster installation and neat deployment



System-Level UL Safety Protection
Protected high-voltage connections with enclosed system wiring designed for safer installation



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Proven Reliability in Real-World Deployments

Not lab-tested claims

— performance validated in actual projects

900+ MWh Deployed Globally

Trusted across residential, commercial & industrial applications

Certified by UL, TÜV, SGS

Fully compliant with global safety standards

<0.5% BMS Issue Rate

Stable system operation with minimized downtime

Near-zero Cell Failure Record

No Grade-B or refurbished cells, ever

10 Years Warranty + 24h Response

Real support, not just documentation

● Smart & Stable Control

High-precision intelligent BMS

Advanced IC architecture

SOC integration algorithm based on real scene feedback

Better protection, longer lifespan, safer operation, more reliable performance

● True Usable Energy

100% depth of discharge

98% system efficiency

More usable energy, faster payback

● Designed for Profitability & Scalability

Plug & play commissioning

Faster installation, lower labor cost

Module design & strong parallel capability

Flexible system sizing for different project needs

● Long Life Span

6,000-8000+ cycles

10-15 years service life

Lower replacement cost over project lifetime

Remote monitoring (WiFi)

Real-time visibility & maintenance

Wide inverter compatibility

Growatt, Solis, Deye, Sol-Ark, SunSynk, Sofar, SMA, Goodwe, Megarevo, Afore, Ateess, etc

Engineered for Long-Term ROI