

WL 1KW - 3KW

Solar Storage Energy System WL Series

WL Series 1KW - 3KW (1ph in / 1ph out)

Key Features:

- Solar Inverter combined lifepo4 battery together all in one system
- With pure sine wave output, rated power: 1KW to 3KW (12V/24Vdc)
- DC to AC automatic conversion
- Inbuilt AC Charger + Solar Mppt Charger controller both
- Wide AC Voltage & Frequency for AC and Generator Input
- The system Inbuilt Liffepo4 Battery 2.4KWH.
- DC Cold Start and Automatic Self-Diagnostic function
- With 5 working modes for choose
 - 01: Mains Priority /
 - 02: Energy Saving /
 - 03: Battery Priority /
 - 04: Mains Priority Unattended Mode /
 - 05: Battery Priority Unattended Mode
- High Efficiency Design
- Power Saving Mode to Conserve Energy
- Smart LCD display
- AC Charging current 5A -50A adjustable for 1KW - 3KW, Max 50A
- Support RS485 communication port (Optional)
- Support Wifi Plug for remote monitoring and management through cellphone App (Optional)



Technical Specification:

Mode		WL1000	WL1500	WL2000	WL3000
Rated Power		1000W	1500W	2000W	3000W(24V/48V)
Input	Voltage	110V: 85VAC-135VAC / 230V: 152~288VAC			
Output	Frequency	45-63Hz(Mains mode)		50/60Hz±1%(Battery mode)	
	Voltage	AC 230/ 110±2%(Battery mode)		AC 230 / 110±15%(Mains mode)	
Output Waveform		Pure sine wave			
Efficiency		>85%			
Type of Battery		Lithium ion battery			
Battery Rated Voltage		12/24/48VDC			
AC Charging Current (Max)		20A (MAX) can be set 5-10-20A		50A (MAX) can be set 5-10-20-30-40-50A	
Protection		Overload, short circuit, battery high and low voltage, AC input high and low voltage protection			
Conversion Method		Interactive			
Overload Capacity		Overload 110-120%, the output will turned off after 30S.Overload 160%, the output will turned off after 30ms.			
Solar Charger Controller	Type	MPPT Solar Controller			
	Current	60A		80A	
	PV Input (Max)	12V/24:80V/48:150V/96V:280V (MAX)			
	Input Power(Max)	12V: 10A:120W/ 20A:240W/ 30A:360W/ 50A:600W/ 60A:720W (MAX) 24V: 10A:240W/ 20A:480W/ 30A:720W/ 50A:1200W/ 60A:1440W (MAX) 48V: 10A:480W/ 20A:960W/ 30A:1440W/ 50A:2400W/ 60A:2880W (MAX)			
Communication Port		RS232 / USB / SNMP (Optional)			
Working Environment	Temperature	-15°C ~ +50°C			
	Humidity	10% ~ 90%			

*Product Specifications are Subject to Change Without Notice.