

## Free standing / Wall-mounted Battery Energy Storage System

Introduce the LIFEPO4 PowerWall battery for residential energy storage a fashionable home energy storage solution. The battery is equipped with Superior quality smart BMS to monitor the battery and multiple protection. The UNIV-PowerWall series lithium battery allows parallel connection to enhance capacity, and can easily monitor its working conditions by uplink and optional bluetooth. The extraordinary compatibility of it with the extensive inverter brand ensures seamless integration into your energy system. Select the UNIV-PowerWall series battery to ensure a reliable and continuous power supply ultimate energy demand selection.

### Features And Advantages



Simple and Elegant  
Appearance



Versatile Modules  
3.5kWh ~ 16kWh



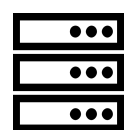
10 Years Warranty



Superior BMS with  
Brand Battery Cell



Residential Energy  
Storage



Large Scalability

## Lithium Battery

### Free-Standing Series



#### Specification

MODEL		UNIV-14.3kWh
BATTERY PARAMETERS		
Total Energy (kWh)		14.34
Useable Energy (kWh)		13.48
Nominal Voltage (Vd.c)		51.2
Voltage Range (Vd.c)		44.8 ~ 57.6
Rated Capacity (Ah)		280
Recommend Current (A)	Charge	140
	Discharge	140
Max. Current (A)	Charge	200
	Discharge	200
Recommend Using DOD		90%
Scalability		Max 20 in Parallel
Dimension (W *H* D)(mm)		520*720*240
Weight (KG)		112
BMS Features		Over-voltage & Over-current Protection/Short-circuit Protection Low-voltage Protection/Over Temperature Protection/Cell Balance
Standard Features		Button-Controlled Screen/Trip Protection/Bluetooth
Communication		CAN/RS485
OPERATING CONDITION		
Operation Temperature	Charge	0°C ~ 55°C (32°F ~ 131°F)
	Discharge	-20°C ~ 55°C (-4°F ~ 131°F)
Storage Temperature		-20°C ~ 55°C (-4°F ~ 131°F)
IP Rating		IP20
Installation Type		Free-Standing
Cooling Type		Natural
Operating Environment		Indoor (5% ~ 95% (RH) No Condensing)
Altitude		≤2000 m
CERTIFICATION AND SAFETY		
Warranty		5+5 Years
Operation Life		15+ Years (25°C/77 °F)
Cycle Life		≥8000@25°C
Certification		CE/Cell UL 1973
Transportation Certification		UN38.3/MSDS

The recommended and max. continuous operation current is for a battery cell temperature within 10~40°C to consider, out of such temp. range will cause a derating on operation current.