Free standing / Wall-mounted Battery Energy Storage System

Introduce the LIFEPO4 PowerWall battery for residential energy storagea 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. Selet 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 16kWh ~ 320kWh

10 Years Warranty



Superior BMS with Brand Battery Cell

Residential Energy Storage

Large Scalability

EASYWAY ENERGY

Lithium Battery

Free-Standing Series



Specification

MODEL		UNIV-16kWh
BATTERY PARAMETERS		
Total Energy (kWh)		16.08
Useable Energy (kWh)		15.11
Nominal Voltage (Vd.c)		51.2
Voltage Range (Vd.c)		44.8 ~ 57.6
Rated Capacity (Ah)		314
Recommend Current (A)	Charge	157
	Discharge	157
Max. Current (A)	Charge	200
	Discharge	200
Recommend Using DOD		90%
Scalability		Max 20 in Parallel
Dimension (W *H* D)(mm)		525*720*245
Weight (KG)		117
BMS Features		Over-voltage & Over-current Protection/Short-circuit Protection Low-voltage Protection/Over Temperature Protection/Cell Balance
Model		II
Standard Features		Touch Screen Screen/Trip Protection/WIFI(Optional)
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		10 Years
Operation Life		15+ Years (25°C/77 °F)
Certification		CE/Cell UL 1973/IEC62619
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.