

Free standing / Wall-mounted Battery Energy Storage System

Introduce the LIFEP04 Power Wall 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-Power Wall 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-Power Wall series battery to ensure a reliable and continuous power supply ultimate energy demand selection.

Features And Advantages



Simple and Elegant
Appearance



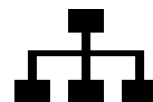
Easy Moving with
Wheels design



Versatile Modules
3.8kWh ~ 17.4kWh



10 Years Warranty



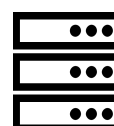
Superior BMS with
Brand Battery Cell



>8000 Cycle Times



Residential Energy
Storage



Large Scalability



Lithium Battery



Specification

MODEL		UNIV-14.3kWhFS	
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 16 in Parallel	
Dimension (W *H* D)(mm)		560*830*270	
Weight (KG)		140	
BMS Features		Over-voltage & Over-current Protection/Short-circuit Protection Low-voltage Protection/Over Temperature Protection/Cell Balance	
Communication		CAN/RS485	
OPERATING CONDITION			
Operation Temperature	Charge	0°C ~ 55°C (32°F ~ 131°F)	
	Discharge	-20 -55 (-4 -131)	
Storage Temperature		-20 -55 (-4 -131)	
IP Rating		IP20	
Installation Type		Portable	
Cooling Type		Natural	
Operating Environment		Indoor (5% ~ 95% (RH) No Condensing)	
Altitude		≤4000 m	
CERTIFICATION AND SAFETY			
Warranty		10 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.