Xcellent Plus

Wall-Mounted LV Battery System

Dependable Safety: Designed with a high level of safety features, including dependable lithium iron phosphate (LiFePO4) technology, ensuring safe and stable operation.

Sleek Aesthetics: Modern and sleek design that integrates seamlessly into residential environments, enhancing the aesthetic appeal of installation areas.

Whisper-Quiet Operation: Engineered for silent operation, making it ideal for home settings where noise levels need to be minimal.

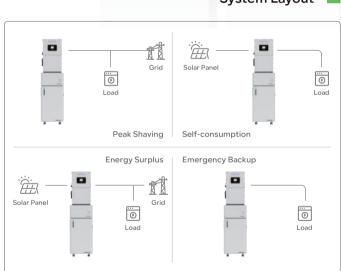
Versatile Compatibility: Compatible with various inverters and energy systems, allowing for flexible integration with existing home energy setups.

Long Cycle Life: Offers an impressive cycle life of up to 8000 cycles, providing long-term reliability and cost-effectiveness.



Product Details





Application Scenario







Battery Energy Storage	
Battery Chemistry	LiFePO4
Cell Capacity (Ah)	314
Nominal Energy (kWh)	16
Output Power (kW)	10.2
Default Voltage (V)	51.2
Voltage Range (V)	43.2 ~ 59.2
Max. Operation Current (A)	200
Primary Overcurrent Protection (A)	210@5S
Secondary Overcurrent Protection (A)	240@3S
Max. Charging Voltage (V)	58.4
Discharge Cut-off (V)	43.2
Recommended Charging Voltage (V)	56.8
Dimension - W*D*H (mm/in)	560*210*880/22*8.3*34.6
Net Weight (kg/lb)	~159/~351

General Parameters	
Scalability	Max. 31 systems in parallel
Storage Conditions	-4°F ~ 131°F(32°F ~ 95°F Recommended) Up to 90%RH, non-condensing Initial SoC: 50%
Operating Temperature	Charge: 32°F ~ 122°F Discharge: –4°F ~ 122°F
Cooling	Natural Cooling
Max. Altitude	4000m / 13123ft
Cycle Life	8000 Cycles
Communication	RS485, CAN, RS232
System Characteristic	
Battery Model	R-XC016161-US
Battery Compliances	UN38.3, UL9540, UL9540A, UL1973
Installation Method	Wall-Mounting or Floor Mounting
Installation Scene	Indoor or Outdoor
IP Rating	IP65
Warranty [1]	10 Years

[1] Please refer to the warranty letter for details

Packaging & Shipping Details

