

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.

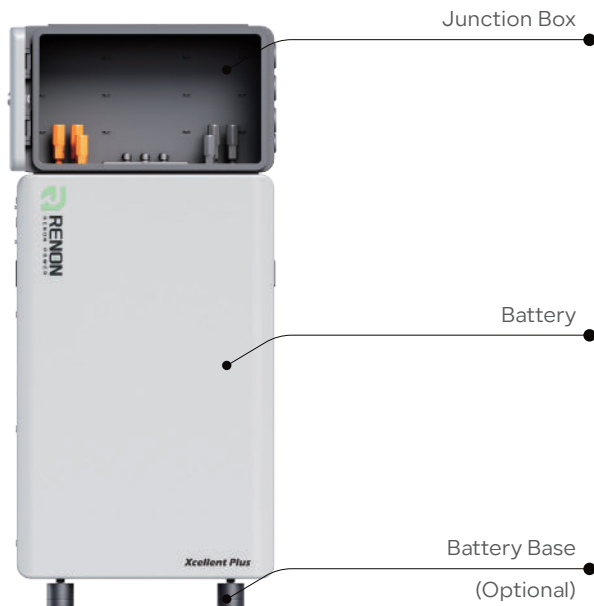
Whisper-Quiet Operation: Engineered for silent operation, making it ideal for home settings where noise levels need to be minimal.

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

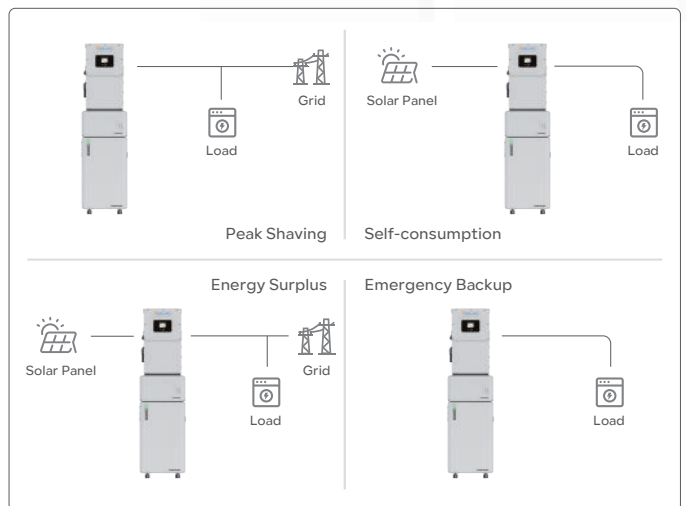
Long Cycle Life: Offers an impressive cycle life of up to 8000 cycles, providing long-term reliability and cost-effectiveness.



Product Details



System Layout



Application Scenario



Battery Energy Storage		General Parameters	
Battery Chemistry	LiFePO4	Scalability	Max. 31 systems in parallel
Cell Capacity (Ah)	314	Storage Conditions	-4°F ~ 131°F(32°F ~ 95°F Recommended) Up to 90%RH, non-condensing Initial SoC: 50%
Nominal Energy (kWh)	16	Operating Temperature	Charge: 32°F ~ 122°F Discharge: -4°F ~ 122°F
Output Power (kW)	10.2	Cooling	Natural Cooling
Default Voltage (V)	51.2	Max. Altitude	4000m / 13123ft
Voltage Range (V)	43.2 ~ 59.2	Cycle Life	8000 Cycles
Max. Operation Current (A)	200	Communication	RS485, CAN, RS232
Primary Overcurrent Protection (A)	210@5S	System Characteristic	
Secondary Overcurrent Protection (A)	240@3S	Battery Model	R-XC016161-US
Max. Charging Voltage (V)	58.4	Battery Compliances	UN38.3, UL9540, UL9540A, UL1973
Discharge Cut-off (V)	43.2	Installation Method	Wall-Mounting or Floor Mounting
Recommended Charging Voltage (V)	56.8	Installation Scene	Indoor or Outdoor
Dimension - W*D*H (mm/in)	560*210*880/22*8.3*34.6	IP Rating	IP65
Net Weight (kg/lb)	~159/~351	Warranty [1]	10 Years

[1] Please refer to the warranty letter for details

Packaging & Shipping Details

