

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.

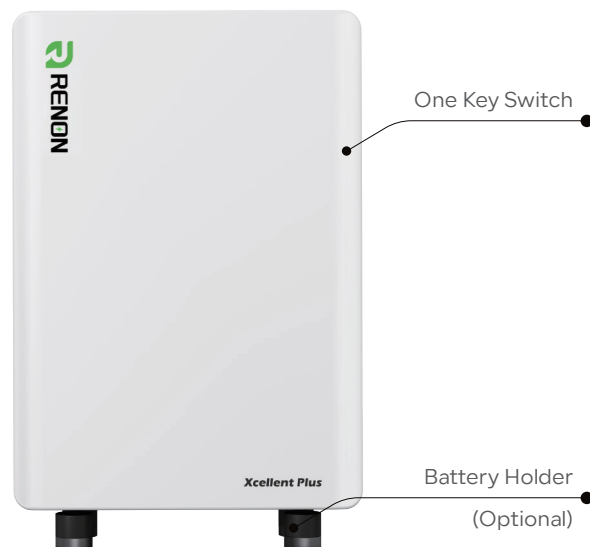
Whisper-Quiet Operation: Engineered for silent operation, making it ideal for home settings where noise levels need to be minimal.

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

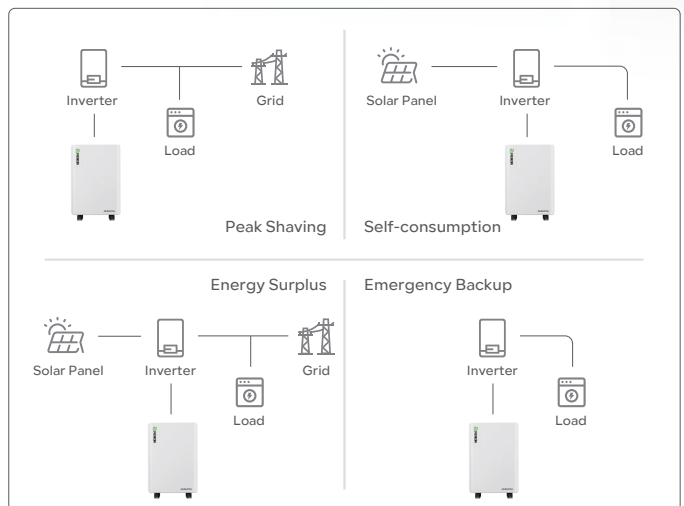
Long Cycle Life: Offers an impressive cycle life of up to 8000 cycles, providing long-term reliability and cost-effectiveness.



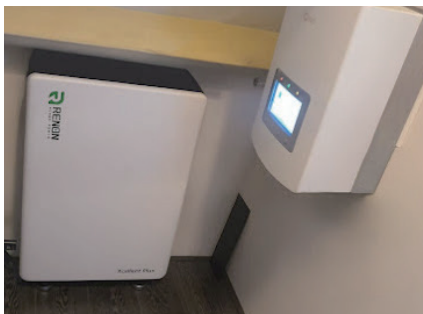
Product Details



System Layout



Application Scenario



Battery Energy Storage		General Parameters	
Battery Chemistry	LiFePO4	Scalability	Max. 15 systems in parallel
Cell Capacity (Ah)	314	Storage Conditions	-20°C ~ 55°C(0°C ~ 35°C Recommended) Up to 90%RH, non-condensing Initial SoC: 50%
Nominal Energy (kWh)	16	Operating Temperature	Charge: 0°C ~ 50°C Discharge: -20°C ~ 50°C
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@10S	System Characteristic	
Secondary Overcurrent Protection (A)	250@500mS	Battery Model	R-XC016161
Max. Charging Voltage (V)	58.4	Battery Compliances	IEC 62619, UN 38.3, CEI 0-21, EN-61000
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)	560*200*800mm 22*7.8*31.5in	IP Rating	IP65
Net Weight (Approximate)	126kg 278lb	Warranty [1]	10 Years

[1] Please refer to the warranty letter for details

Packaging & Shipping Details

