

Xcellent

Wall-Mounted LV Battery System

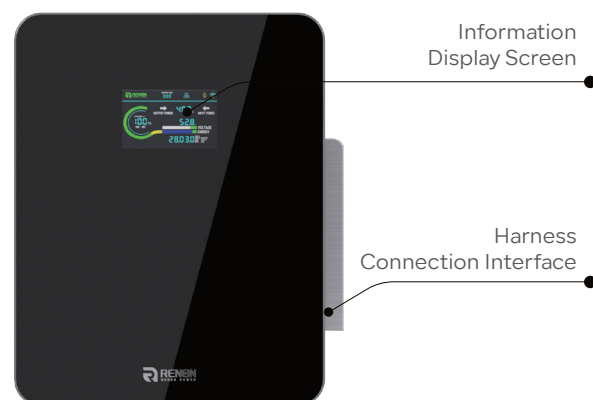
Safe and Stable LFP Technology: The Xcellent series uses Lithium Iron Phosphate (LFP) battery chemistry, known for its safety, stability, and long lifespan, ensuring reliable performance.

Minimalist and Compact Design: The Xcellent batteries feature a minimalist, noise-free design that can be seamlessly integrated into various residential settings, both indoor and outdoor.

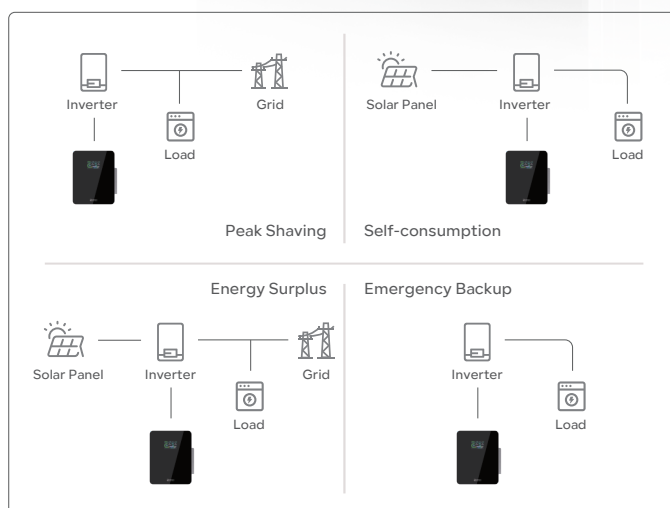
High Compatibility and Flexibility: The Xcellent series is designed to be highly compatible with various inverters and can be easily scaled to meet different energy storage needs, from small residential setups to larger installations.



Product Details



System Layout



Application Scenario



Battery Energy Storage		General Parameters	
Battery Chemistry	LiFePO4	Scalability	Max. 31 systems in parallel
Cell Capacity (Ah)	100	Storage Conditions	-20°C ~ 55°C(0°C ~ 35°C Recommended) Up to 90%RH, non-condensing Initial SoC: 50%
Nominal Energy (kWh)	5.12	Operating Temperature	Charge: 0°C ~ 50°C Discharge: -20°C ~ 50°C
Output Power (kW)	4.8	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)	95	Communication	RS485, CAN, WiFi
Primary Overcurrent Protection (A)	98@10S	System Characteristic	
Secondary Overcurrent Protection (A)	120@2S	Battery Model	R-XC005161
Max. Charging Voltage (V)	58.4	Battery Compliances	IEC 62619, UN 38.3, UL1973 UKCA, CEI 0-21, EN-62311, EN-61000
Discharge Cut-off (V)	43.2	Installation Method	Wall-Mounting
Recommended Charging Voltage (V)	56.8	Installation Scene	Indoor
Dimension (W*D*H)	480*170*570mm 18.9*6.7*22.4in	IP Rating	IP20
Net Weight (Approximate)	54kg 119lb	Warranty [1]	10 Years

[1] Please refer to the warranty letter for details

Packaging & Shipping Details

