RESIDENTIAL SOLUTION

Wall-Mounted LV Battery System

RESIDENTIAL ENERGY STORAGE SOLUTION

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.

Spitzer ENERGY

WWW.SPITZER-ENERGY.COM

4295 East Jurupa Street, Ontario, CA 91761
todd.morgan@spitzer-energy.com

Version: 1.0
Page 1/2

Technical Specifications

Spitzer Energy Residential Storage Solution

Battery Energy Storage

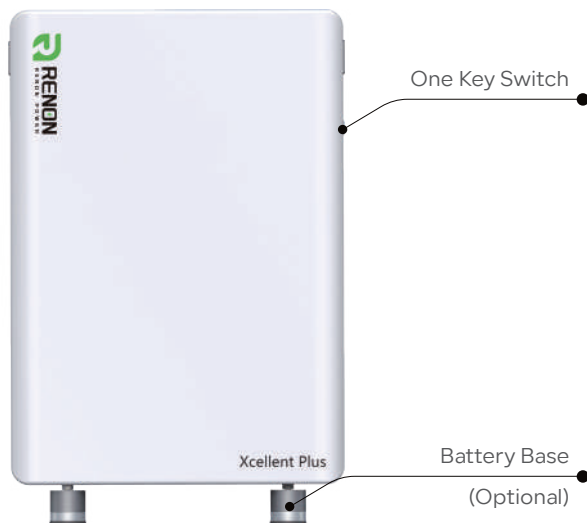|	
Battery Chemistry	LiFePO4
Cell Capacity (Ah)	314
Nominal Energy (kWh)	16
Output Power (kW)	10.2
Default Voltage (V)	51.2
Voltage Range (V)	43.2 ~ 59.2
Max. Operation Current (A)	200
Primary Overcurrent Protection (A)	210@10S
Secondary Overcurrent Protection (A)	250@500mS
Max. Charging Voltage (V)	58.4
Discharge Cut-off (V)	43.2
Recommended Charging Voltage (V)	56.8
Dimension (W*D*H)	560*200*800mm 22*7.8*31.5in
Net Weight (Approximate)	126kg 278lb

General Parameters

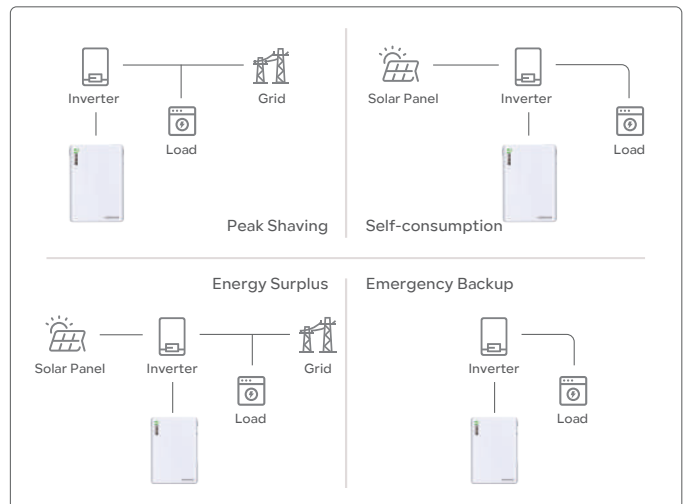|	
Scalability	Max. 15 systems in parallel
Storage Conditions	−20℃ ~ 55℃(0℃ ~ 35℃ Recommended) Up to 90%RH, non-condensing Initial SoC: 50%
Operating Temperature	Charge: 0℃ ~ 50℃ Discharge: -20℃ ~ 50℃
Cooling	Natural Cooling
Max. Altitude	2000m / 6561ft
Cycle Life	8000 Cycles
Communication	RS485, CAN, RS232

System Characteristic

Battery Model	R-XC016161
Battery Compliances	IEC 62619, UN 38.3, CEI 0-21, EN-61000
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

Product Details

One Key Switch

Battery Base
(Optional)

Xcellent Plus

System Layout

Inverter — Grid
Load

Peak Shaving

Solar Panel — Inverter
Load

Self-consumption

Energy Surplus

Solar Panel — Inverter — Grid
Load

Emergency Backup

Inverter
Load

Application Scenario