

# Xtreme LV



## General Parameters

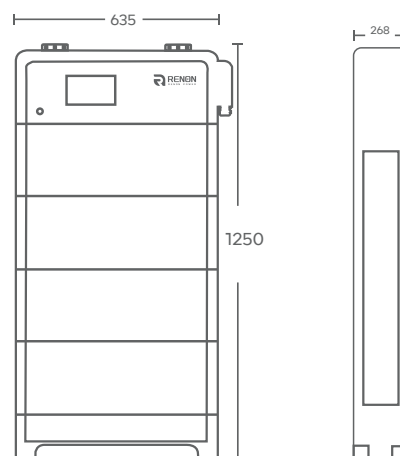
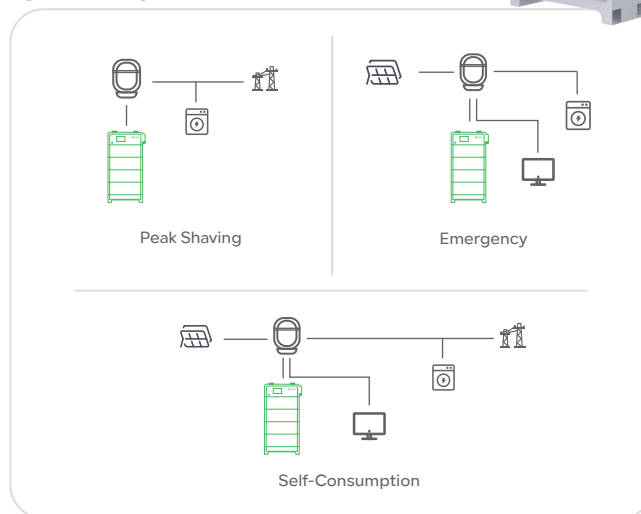
Scalability	Max. 30 systems in parallel
Storage Conditions	-20°C to 55°C/-4°F to 131°F (0°C to 35°C/32°F to 95°F Recommended) Up to 90%RH, non-condensing Initial SoC: 50%
Operating Temperature	Discharge: -20°C to 50°C/-4°F to 122°F Charge: 0°C to 50°C/32°F to 122°F
Cooling	Natural Cooling
Max. Altitude	2000m / 6561ft
Cycle Life	8000 Cycles
Communication	RS485/CAN/WiFi

## System Characteristic

Battery Compliances	IEC 62619, UN 38.3, UL1973 CE-RED, UKCA
Installation Method	Stack Mounting
Installation Scene	Indoor or Outdoor
Enclosure	IP65
Warranty <sup>[1]</sup>	10 Years

[1] Please refer to the warranty letter for details

## System Layout



LV BESS Specification	2 Modules	3 Modules	4 Modules	5 Modules	6 Modules
Nominal Energy (kWh)	10.24	15.36	20.48	25.6	30.72
Max. Operation Current (A)	190	285	300	300	300
Peak for 10s (A)	196	294	392	490	500
Peak for 2s (A)	240	360	480	500	500
Max. Charging Voltage (Vdc)	58.4				
Discharge Cut-off (Vdc)	43.2				
Nominal Voltage (Vdc)	51.2				
Recommend Charging Voltage (Vdc)	56.8				
Dimension (W*D*H)	635*268*795mm 25*10.6*31.3in	635*268*1023mm 25*10.6*40.3in	635*268*1250mm 25*10.6*49.2in	635*268*1478mm 25*10.6*58.2in	635*268*1705mm 15*10.6*67.1in
Net Weight (Approximate)	141kg 311lb	194kg 428lb	247kg 545lb	300kg 661lb	353kg 778lb