

Xtreme LV



General Parameters

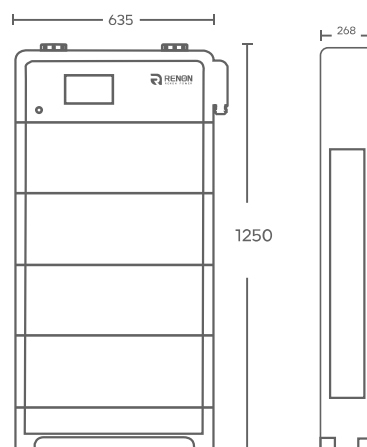
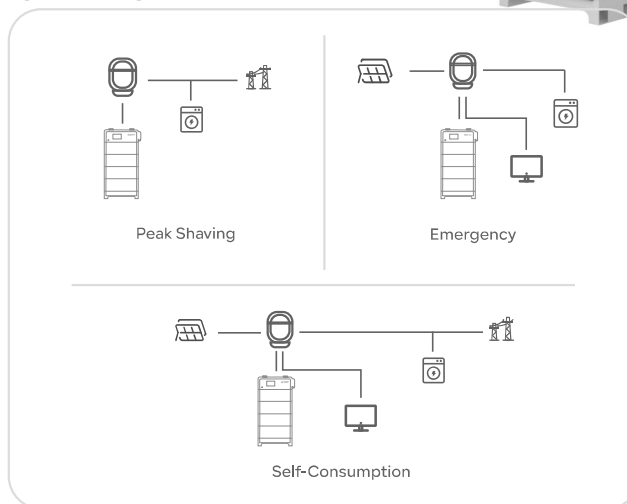
Scalability	Max. 30 systems in parallel
Storage Conditions	-20°C to 55°C/-4°F to 131°F (0°C to 35°C/32°F to 95°F Recommended) Up to 90%RH, non-condensing Initial SoC: 50%
Operating Temperature	Discharge: -20°C to 50°C/-4°F to 122°F Charge: 0°C to 50°C/32°F to 122°F
Cooling	Natural Cooling
Max. Altitude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

System Characteristic

Battery Compliances	IEC 62619, UN 38.3, UL1973 CE-RED, UKCA, CEI021
Installation Method	Stack Mounting
Installation Scene	Indoor or Outdoor
Enclosure	IP65
Warranty ^[1]	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)(4.8V/5.12V)	9.6/10.24	14.4/15.36	19.2/20.48	24/25.6	28.8/30.72
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)(4.8V/5.12V)	54.75/58.4				
Discharge Cut-off (Vdc)(4.8V/5.12V)	40.5/43.2				
Nominal Voltage (Vdc)(4.8V/5.12V)	48/51.2				
Recommend Charging Voltage (Vdc)(4.8V/5.12V)	53.25/56.8				
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 25*10.6*67.1in
Net Weight (Approximate)(4.8V/5.12V)	139/141kg 306/311lb	192/194kg 423/428lb	245/247kg 540/545lb	298/300kg 656/661lb	351/353kg 773/778lb