

HV INTELLIGENT HOUSEHOLD ENERGY STORAGE SYSTEM

RenonXtreme

- One-key power on
- Provided 2-5 module stacking solutions
- Simple structure and quick installation, shorten your installation time
- High safety, long battery life (up to 8000 cycles)
- Intelligent EMS, showing real-time running states and helping fault pre-warning



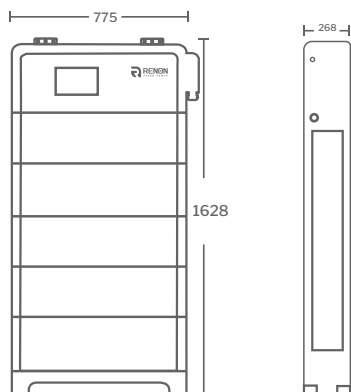
Renon Xtreme HV Series is a household battery storage system that is possible to storage energy from photovoltaic, generator and grid after connecting to the inverter. Its stacked installation allows for rapid build to any home, and improved surge power capacity brings whole home backup in a compact system. The intelligent EMS platform enables users to customize system behavior and monitor the system operation.

BESS Specifications	2 Modules	3 Modules	4 Modules	5 Modules
Battery Combination	1P32S			
Cell Capacity (Ah)	50			
Nominal Energy (kWh)	10.24	15.36	20.48	25.6
Nominal Power (kW)	9.83	14.75	19.66	24.58
Nominal Voltage (V)	204.8	307.2	409.6	512
Max. Operating Current (A)	≤48			
Max. Current (A)@2S	100			
Operating Voltage Range (V)	172.8 ~ 233.6	259.2 ~ 350.4	345.6 ~ 467.2	432 ~ 584
Cycle Life	8000 Cycles			

General Parameters				
Dimensions (W*D*H)	775*268*854 mm 30.5*10.6*33.6 in	775*268*1112 mm 30.5*10.6*43.8 in	775*268*1370 mm 30.5*10.6*53.9 in	775*268*1628 mm 30.5*10.6*64.1 in
Total Weight (kg)	150	200	250	300
Enclosure	IP65			
Operating Temperature	-20°C to 50°C (-4°F to 122°F)			
Recommended Temperature	0°C to 30°C (32°F to 86°F)			
Operating Humidity (RH)	Up to 100%, non-condensing			
Recommended Storage Conditions	0°C to 35°C (32°F to 95°F) Up to 95% RH, non-condensing State of Energy (SoE): 50% initial			
Max. Elevation	3000m (9843 ft)			
Installation Scene	Indoor and Outdoor			
Noise Level @1m	< 40 dB(A)			

System Characteristic	
Certifications	IEC62619, MSDS, UN38.3, UL1973, UL9540
Communication Interface	CAN, WiFi
Warranty ^[1]	10 Years

[1] Please refer to the warranty manual for details



System Layout

