

LV Wall-Mounted HOUSEHOLD ENERGY STORAGE SYSTEM

RenonXcellent

- Safe and stable LFP, great-performance processors
- Flexible, lightweight, to meet the power need of the individual building unit
- Minimalist design, easy installation, less noise, makes it ideal for residential fitment
- Strongly compatible, perfect-solving compatibility puzzles
- Resilient store and discharge, capable of being emergency backup power



Renon Xcellent is a wall-mounted residential energy storage system. Its streamlined design makes it suitable for a variety of decor styles and is also easy to install and maintain. The nominal energy is 5.12 kWh, which is appropriate for the basic needs of the vast majority. As a trusted partner, we have strived to provide more robust residential energy solutions and ensure that Xcellent, as part of HESS services, is compatible with mainstream inverters. The product adopts self-created intelligent energy management system which improves performance and extends service life.

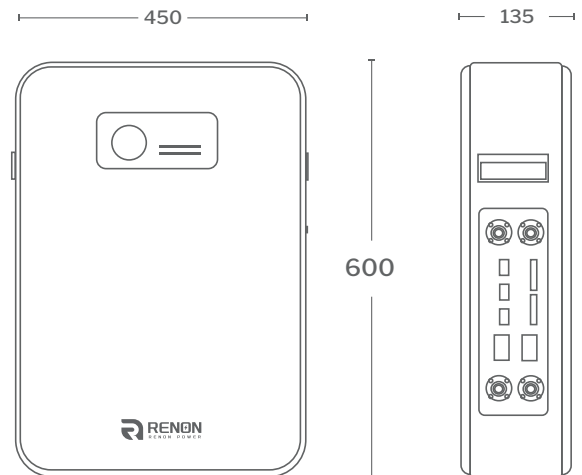
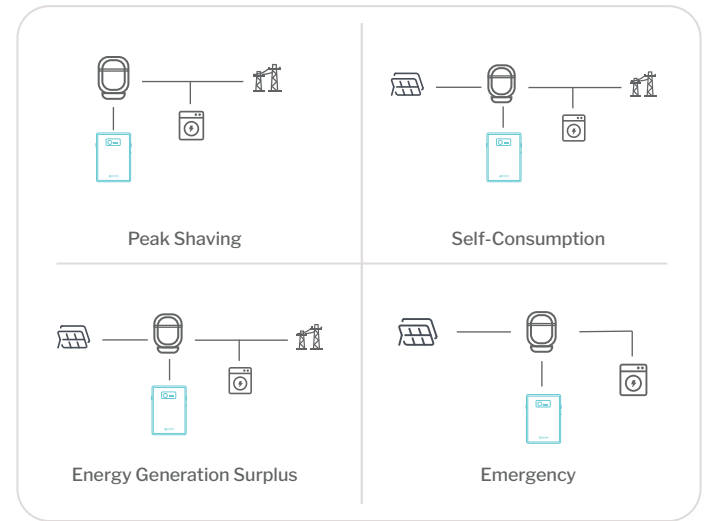
BESS Specification

Combination	1P16S
Battery Type	LFP
Cell Capacity(Ah)	100
Nominal Energy(kWh)	5.12
Max. Battery Efficiency(%)	97
Default Voltage(V)	51.2
Voltage Range(V)	43.2~58.4
Current(A)	50
Max. Operating Current(A)	100
Real Power, peak	6 kW 10S (charge and discharge)
Real Power, max continuous	5 kW (charge and discharge)
Charge Cut-off Protect Volt(V)	59.2
Discharge Cut-off Protect Volt(V)	43.2

General Parameters

Dimensions(H*W*D,mm)	600*450*135
Weight(kg)	52
Charging Temperature(°C)	0-50
Discharging Temperature(°C)	-20-50
Cooling	Natural Cooling
Noise @1m(dB)	<50
Max. Altitude(m)	3000
Service Life	8000 times
Communication Method	CAN, RS485, WIFI

System Layout



System Characteristic

Mounting	Wall Mounting
Installation Scene	Indoor
Enclosure	IP20
Warranty	5 Years + 5 Years Uncon