

EBrick Series



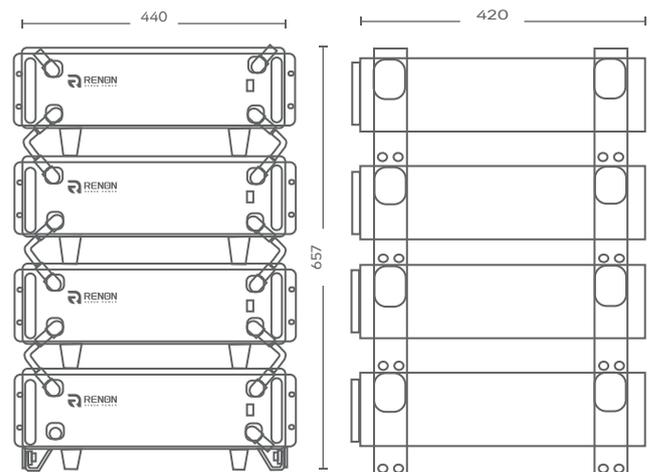
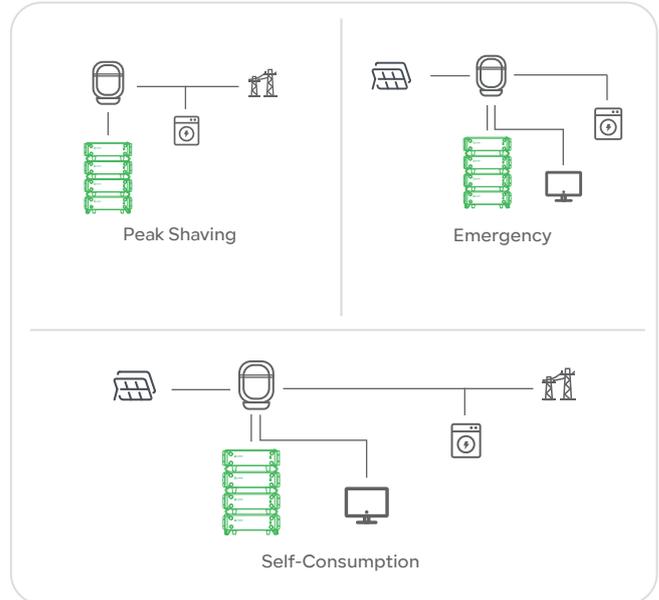
Battery

Battery Chemistry	LiFePO4
Cell Capacity (Ah)	100
Nominal Energy (kWh)	5.12
Default Voltage (V)	51.2
Voltage Range (V)	43.2 ~ 59.2
Max. Operation Current (A)	95
Primary Overcurrent Protection (A)	98@10S
Secondary Overcurrent Protection (A)	120@2S
Max. Charging Voltage (V)	58.4
Discharge Cut-off (V)	43.2
Recommended Charging Voltage (V)	56.8

General Parameters

Parallel Capacity	Maximum 31 units
Dimension (W*D*H)	440*420*132mm / 17.3*16.5*5.2 in
Net Weight (Approximate)	45kg / 99.2lb
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. Operating Altitude	2000m / 6561ft
Cycle Life	8000 Cycles
Communication	RS485/CAN/WiFi

System Layout



System Characteristic

Battery Compliances	IEC 62619, UN 38.3, UL1973 CE-RED, UKCA, CEI021
Installation Method	Rack Mounting
Installation Scene	Indoor
Enclosure	IP20
Warranty ^[1]	10 Years

[1] Please refer to the warranty letter for details