

Xtreme HV 1.0



BESS Specifications	2 Modules	3 Modules	4 Modules	5 Modules	6 Modules
Battery Combination	1P32S				
Cell Capacity (Ah)	50				
Nominal Energy (kWh)	10.24	15.36	20.48	25.6	30.72
Nominal Power (kW)	9.83	14.75	19.66	24.58	29.5
Nominal Voltage (V)	204.8	307.2	409.6	512	614.4
Max. Operating Current (A)	≤48				
Max. Current (A)@2S	60				
Operating Voltage Range (V)	172.8 ~ 233.6	259.2 ~ 350.4	345.6 ~ 467.2	432 ~ 584	518 ~ 700.8
Cycle Life	8000 Cycles				

General Parameters

Dimensions (W*D*H)	775*270*854mm 30.5*10.6*33.6in	775*270*1112mm 30.5*10.6*43.8in	775*270*1370mm 30.5*10.6*53.9in	775*270*1628mm 30.5*10.6*64.1in	775*270*1886mm 30.5*10.6*74.3in
Total Weight	152kg3 35lb	212kg 467lb	272kg 600lb	332kg 731lb	392kg 862lb
Enclosure	IP55				
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				
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-condensingInitial SoC: 50%				
Max. Elevation	2000m / 6561ft				
Installation Scene	Indoor and Outdoor				

System Characteristic

Certifications	IEC62619, MSDS, UN38.3 UL1973, UL9540
Communication Interface	CAN, WiFi, RS485
Warranty ^[1]	10 Years

[1] Please refer to the warranty letter for details

System Layout

