

Xtreme HV 2.0



BESS Specification	2 Modules	3 Modules	4 Modules	5 Modules
Battery module Combination	1P16S			
Battery Moudular Capacity(Ah)	100			
Nominal Energy (kWh)	10.24	15.36	20.48	25.6
Default Voltage (V)	400			
Settable Voltage Range (V)	350~450			
Nominal Current (A)	25	37.5	50	50
Max. Current (A)@10S	30	45	60	60
Cycle Life	8000 Cycles			

General Parameters

Parallel Capacity	Maximum 10 Cluster			
Dimensions (W*D*H)	680*320*796mm 26.8*12.6*31.4in	680*320*1023.5mm 26.8*12.6*40.3in	680*320*1251mm 26.8*12.6*49.3in	680*320*1478.5mm 26.8*12.6*58.3in
Total Weight (kg)	153.5kg 338lb	213.5kg 470lb	273.5kg 603lb	333.5kg 735lb
Enclosure	IP55 / NEMA 3R			
Operating Temperature	-20°C to 50°C (-4°F to 122°F)			
Recommended Temperature	0°C to 30°C (32°F to 86°F)			
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 Humidity (RH)	Up to 95%, non-condensing			
Maximum Elevation	2000m / 6561ft			
Environment	Indoor and outdoor			

System Characteristic

BESS Certifications	UL1973, UN 38.3, IEC62619 ^[1]
Communication Interface	CAN, Wi-Fi, RS485
Warranty ^[2]	10 Years

[1] Pending Certification

[2] Please refer to the warranty letter for details

System Layout

