

Max HV Battery

High Voltage Household Energy Storage System



Flexible capacity options
7.68kWh to 25.6kWh



Grade A cells for superior
performance



IP65 Protection
Excellent safety of cobalt
free LiFePO4 battery



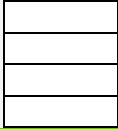


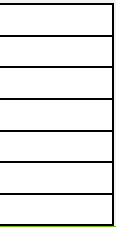
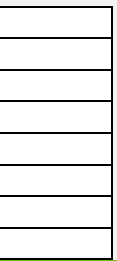
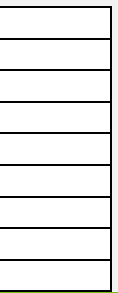
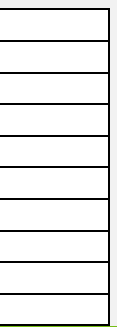
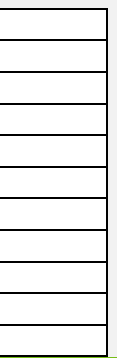
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10-Year Warranty





System	Max 7.6HV	Max 10.2HV	Max 12.8HV	Max 15.3HV	Max 17.9HV	Max 20.4HV	Max 23.0HV	Max 25.6HV
System Demo								
Battery Module	Max 2.5HV (2.56kWh, 51.2V, 27kg)							
Number of Modules	3	4	5	6	7	8	9	10
Energy capacity	7.68kWh	10.24kWh	12.8kWh	15.36kWh	17.92kWh	20.48kWh	23.04kWh	25.6kWh
Nominal Voltage	153.6V	204.8V	256V	307.2V	358.4V	409.6V	460.8V	512V
Operating Voltage Range	141.6~170.4V	188.8~227.2V	236~284V	283.2~340.8	330.4~397.6V	377.6~454.4V	424.8~511.2V	472~568V
Dimension (W/D/H)	500/350/630mm	500/350/780mm	500/350/930mm	500/350/1080mm	500/350/1230mm	500/350/1380mm	500/350/1530mm	500/350/1680mm
Weight	100kg	130kg	160kg	190kg	220kg	250kg	280kg	310kg
General								
Battery Type	Cobalt Free Lithium Iron Phosphate (LFP)							
Rated Capacity	52Ah							
Standard Charge/Discharge Current	25A/0.5C							
Max Charge/Discharge Current	50A/1C							
Round trip efficiency	>96% at 0.3C charge and discharge rate							
Cycle Life	6000 cycles @ 90 DoD. 80% capacity remains after 6000 cycles							
IP Protection	IP65							
Operation Temperature	-10~50 °C							
Installation	Wall-mounted							
Features								
Cooling	Natural cooling							
DoD	90%							
Warranty	10 years							
BMS Controller	HV-CBOX-750V50A							
Communication Port	CAN2.0/RS485							
Monitoring Parameters	SOC, System voltage, current, cell voltage, cell temperature, PCBA temperature measurement							
Dimension(W/D/H)	500/350/150 mm							
Weight	13kg							
Certification	IEC62619 (Cell & Pack), CE, CEC, RCM, UN38.3							