

Hybrid Battery Energy Storage System



Cut Fuel, Emissions & Noise



Smart Integration with Genset & Grid



Zero Downtime



All-In-One, Remote Control



Specification

	Technical Parameters		
Model	Hexa-125/215-EX	Hexa-250/215-EX	Hexa-500/430-EX
	Basic Parameters		
System Capacity	125kVA/215kWh	250kVA/215kWh	500kVA/430kWh
Wiring	3Ph + N + PE		
	Electrical Parameters		
Peak Power ($\leq 1\text{min}$) (kVA/kW)	250/200	300/200	600/400
Over Load Power ($\leq 10\text{min}$) (kVA/kW)	175/150	275/200	550/400
Rated Power (kVA/kW)	125/125	250/200	500/400
Continuous Power (kVA/kW)	125/125	250/200	400/400
Peak Current	379A	454A	909A
Rated Current	190A	379A	757A
Rated Voltage	380/400Vac		
Rated Frequency	50/60(± 2.5) Hz		
On/Off-grid Transfer Switch	Yes		
On/Off-grid Switching Time	0ms (Active), 20ms (Passive)		
	Battery Parameters		
Battery System Capacity	215.04kWh	215.04kWh	430.08kWh
Battery Type	LiFePO4		
Max. Continuous Charging Rate	1C@25°C		
Max. Continuous Discharge Rate	1C@25°C		
Expected Cycle Life (DOD80%)	6000		
Working Temperature Range	Charge 0°C~50°C, Discharge -20°C~50°C (can operate outside rated range with derating.)		
	System Parameters		
System Size (WxHxD)	2500×2591×2250 mm	2500×2591×2250 mm	2991×2591×2600 mm
Weight	6060kg	6140kg	9300kg
Ingress Protection Degree	IP54/IP55		
Noise Level	<75dB @ 1m		
Fire Suppression System Type	Aerosol		
Certification	IEC 62619, IEC 63056, IEC 62109, IEC 62477, IEC 61000, AS 4777, UN 38.3, UN 3480, UN 3536		
Allowed Altitude	3000m		
Communication Interface	RS485, Ethernet, CAN2.0		
Cloud Service	Yes		