

Technical Specification for 2 hours Backup (0.5C)

Specifications		125KW 261kwh
Cell	Lifepo4 Lithium Iron phosphate	
Pack	3.2V314AH	
Configuration of Battery	260S1P	
Battery capacity	261kWh	
Max. Power	125KW	
Max. Current	157A	
Battery Rated Voltage	832V	
Battery Voltage Range	728V-936V	
AC (On/Off Grid)		
Max. Power(kVA)	137KVA	
Active Power(kW)	125KW	
Rated Voltage(V)	400V	
Rated Current(A)	180A	
Voltage Range	320V-460V	
Rated Frequency	50/60Hz	
Range of Frequency	45-55/55-65Hz	
THDI	<3%	
Solar Side (PV)		standard
Max. Power	100KW(50KW*2)	
High Volage side Voltage	560V-1000V	
High Voltage side Current	160A	
Low Voltage side Voltage	500V-900V	
Low Voltage side Current	200A	
Uninterrupted Load (STS)	standard	
Specificaiton		
Cabinet Size (W * D * H)	1585/1366/2055mm	
Weight	≤2.7T	
Max. cycle efficiency	>90%	
Protection	IP55	
Auxiliary Power Supply	Self-powered, Externally powered	
Corrosion resistance rating	C3/C4	
Operating Humidity Range	0%-100%(Non-condensing)	
Operating Temperature Range	-30°C-50°C(>45°Cderating)	
Max. Operation Altitude	2000m	
Battery cabinet cooling method	Intelligency Liquid Cooling	
Fire safety configuration	Smoke detector, Heat detector, Gas-based fire extinguishing system, Pressure relief valve, Fire safety configuration Pack-level fire protection, Cluster-level fire protection, Water-based fire protection, Automoaatic pressure relief	
Communication	Ethernet、485、CAN	
Communication Protocal	Modbus TCP	
Note: Some spare parts are available. For details, please consult with our sales for further communicatioN.		



High cycle life

8000 cycles @70% DoD for effectively lower total of ownership cost.



Longer service life

Low maintenance batteries with stable chemistry.



Built in circuit protection

Battery Management System (BMS) is incorporated against abuse.



Better storage

Up to 6 months thanks to its extremely low self discharge (LSD) rate and no risk of sulphation.



Quickly recharge

Save time and increase productivity with less down time thanks to superior charge/discharge efficiency.



Extreme heat tolerance

Suitable for use in a wider range of applications where ambient temperature is unusually high: up to +60°C.



Lightweight

Lithium batteries provide more Wh/Kg while also being up to 1/3 the weight of its SLA equivalent.



Function

Support parallel operation