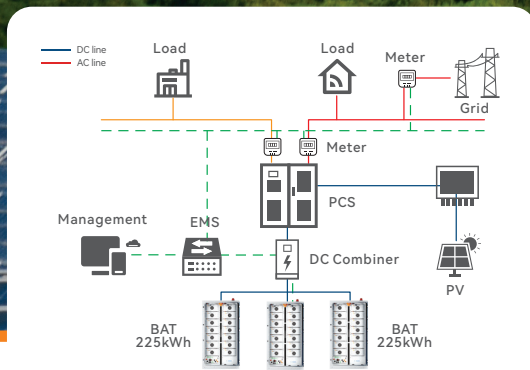


225kWh DC Outdoor LOONG POWER 4.0

Energy Storage Battery



Features and Advantages



HIGH SECURITY

- Comprehensive, multi-level battery warning and protection strategy, high security



INTELLIGENT CONTROL

- Intelligent climate control systems for a wide range of applications



STABLE OPERATION

- With perfect communication, monitoring function, long-time continuous and stable operation



FIRE FIGHTING SYSTEM

- Cabinet equipped with automatic fire alarm and automatic fire extinguishing system

Model		BS09-225-D
Battery Pack(1P16S)		
Battery Type	LiFePO ₄	
Rated Voltage	51.2V	
Nominal Capacity	314Ah	
Pack Energy	16.076kWh	
Weight	122kg	
Battery System(1P224S)		
Rated Voltage	716.8V	
Nominal Energy(kWh)	225.07kWh	
Usable Energy(kWh@90%DOD) ^[1]	202.56kWh	
Max.Charge/Discharge Current(A) ^[2]	157A	
Voltage Range	627.2-806.4V	
Cycle Life ^[3]	≥8000Cycles(25°C,0.5C/0.5C,90%DOD,70%EOL)	
Warranty Period ^[4]	5+5 years	
Cumulative Discharge Energy	361.4MWh	
Configuration	1P224S	
Scalability	Up to 10 units in parallel	
Relative Humidity	90%	
Cooling Method	Air cooling	
Noise	75dB(<1m distance)	
Altitude	≤2000m	
Operating Temperature Range(°C)	-30°C~55°C(> 45°C derating)	
Display Mode	Green light: system running / Red light: system alarm	
Communication Interface	CAN;RS485	
BMS Communication Method	CAN	
IP Rating	IP54	
Anti-corrosion Grade	C3(Optional C5)	
Dimension (W*D*H)	1250*1413*2385mm	
Weight	2300kg	
Certifications	MSDS, UN38.3, IEC62619, IEC62477, IEC61000	

[1] DC usable energy,test conditions: 25°C±2°C,0.5C charge & discharge,90% DOD.System usable energy may vary due to system configuration parameters.

[2] The current is affected by temperature and SOC.

[3] Battery cell life standard, using cells that meet the requirements of this standard.

[4] Conditions apply,refer to Dawnice Warranty Agreement.

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