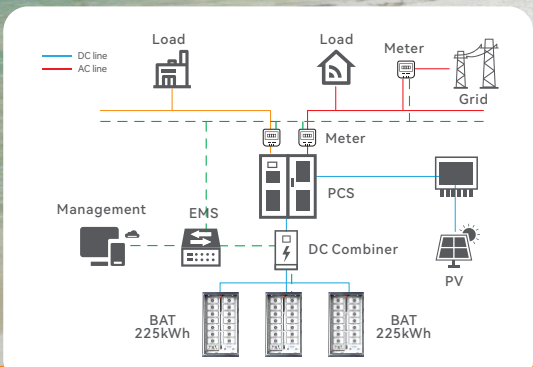


225kWh DC Outdoor LOONG POWER 4.0

Automatic Fire Alarm
Automatic Fire Extinguishing System

Energy Storage Battery

314Ah
Upgraded



Features



High Efficiency Conversion

- Charge-discharge conversion and system efficiency $\geq 90\%$



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
System Parameters	
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]	≥8000 Cycles(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	Intelligent 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	2534kg
Certifications	UN38.3,MSDS,IEC62619(CB),CE-EMC

[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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