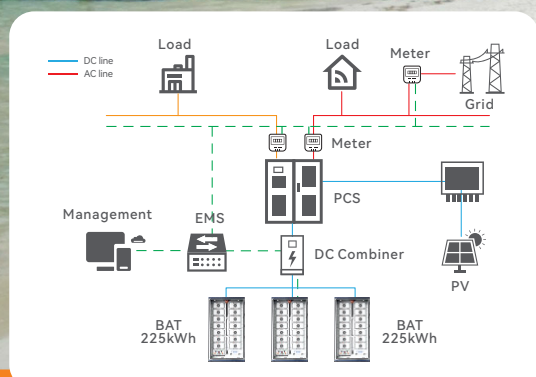


225kWh DC Outdoor LOONG POWER 4.0

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
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.

Text and images correspond to the current state of technology at the time of printing, subject to modifications.All information is without guarantee despite of careful editing-liability excluded.