

ENERGY STORAGE BATTERY

LOW-VOLTAGE

ABL02-2.5L20



Note: The specification and key features described in this datasheet may deviate slightly and are not guaranteed. AUXSOL reserves the right to make any adjustment to the information described herein at any time without notice. Please always obtain the latest version of the datasheet, any commercial contracts that may be signed will be based on the most recent version at the moment of signing the contract.

AUX GROUP

Established in 1986, AUX Group is an enterprise which covers 5 industries. It ranked China's top 500 enterprises for consecutive years, 40000+ employees keep AUX fast development for recent years.

39 Years History	\$12.4 Billion Revenue in 2024	5 Business Industries
\$9.6 Billion Assets	500 China's Top	40000+ Employees

AUXSOL

WIN A GREEN FUTURE TOGETHER

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	ABL02-2.5L20
PERFORMANCE PARAMETERS	
Cell Type	LiFePO ₄
Cell Specification	100Ah
Nominal Voltage	25.6V
Operating Voltage	22.4~28.8V
Nominal Energy	2.56kWh
Charge/Discharge Current(Recommend)	50A
Max. Charge/Discharge Current	100A
Depth of Discharge(DOD)	≥90%
GENERAL PARAMETERS	
Weight[2]	22kg
Dimension(W*H*D ±1)	345*430*195mm
Parallel Quantities	Max.15 pcs in Parallel
Life Cycle	≥6000(25°C±2°C,90%DOD,1C,70%EOL)
Warranty	5 Years
Operating Temperature	Charge: 0~50°C, Discharge: -20~50°C
Storage Temperature	-20~45°C≤1 month; -20~35°C≤6 month
Relative Humidity	5%~95%(Non-condensing)
Cooling Method	Natural Cooling
Installation Method	Floor-standing/Wall-mounted
Installation Environment	Indoor
Ingress Protection Rating[3]	IP20
Max. Operating Altitude[4]	≤2,000m
Protection Strategy	Overvoltage Protection, Overcurrent Protection, Short Circuit Protection, Overtemperature Protection
COMMUNICATION	
Display	SOC, Faults, and Operating Status
Communication Protocol	RS485/CAN/Bluetooth/WIFI
REFERENCE STANDARDS	
Certification	CE,UN38.3

[1].DC Usable Energy,test conditions:90% DOD,0.5C charge & discharge at 25°C.

[2].The weight is subject to the actual product and may have a tolerance of ±3%.

[3].Output power may be affected by altitude.