

Low-voltage household energy storage products

ABL02-16L65



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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.

40 Years History	\$11.8 Billion Revenue in 2025	5 Business Industries
\$9.6 Billion Assets	500 China's Top	40000+ Employees

AUXSOL

WIN A GREEN FUTURE TOGETHER

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PERFORMANCE PARAMETERS

Cell type	LiFePO4
Cell specification	314Ah
Nominal voltage	51.2V
Operating voltage	43.2~58.4
Nominal energy	16.07kWh
Usable energy[1]	14.46kWh
Charge/discharge current(recommend)	157A

GENERAL PARAMETERS

Weight[2]	120kg
Dimension(w*h*d ±1)	480*862*246mm
Parallel quantities	Max.15 pcs in Parallel
Life cycle	8000 times
Warranty	10 Years
Operating temperature	Charge: 0~50°C, Discharge: -20~50°C
Storage temperature	-20~45°C≤1month; -20~35°C≤6months
Relative humidity	5%~95%(Non-condensing)
Cooling method	Natural Cooling
Installation method	Floor-standing
Installation environment	Outside
Ingress protection rating[3]	IP65
Protection level	C5-M
Max. operating altitude[4]	2000m
Protection strategy	Overvoltage Protection, Overcurrent Protection, Short Circuit Protection, Overtemperature Protection

COMMUNICATION

Display	SOC, Faults, and Operating Status
Communication protocol	RS485/CAN/Bluetooth

REFERENCE STANDARDS

Certification	CE,UN38.3
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[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].IP65 is optionally available.
 [4].Output power may be affected by altitude.
 [*1].25°C±2°C,90%DOD,1C,70%EOL
 [*2].25°C±2°C,90%DOD,0.5C,70%EOL