

C&I ENERGY STORAGE

ABL02-T08H20



Intelligent Monitoring

- » 24-hour AI real-time monitoring of operating status
- » Remote OTA supported



Safety & Reliability

- » Built-in fire protection module



Modular Design

- » Supports series and parallel module connection, flexible capacity expansion



Convenient Maintenance

- » Single module replacement within 15 minutes, hot-swappable
- » Remote monitoring available
- » Optional Bluetooth and Wi-Fi connection



Ultra-long Lifespan

- » Over 8000 cycles
- » Maximum 100% depth of discharge

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

\$12
Billion

Revenue in 2025

5

Business Industries

\$11.2
Billion

Assets

500

China's Top

40000+

Employees

AUXSOL

Advance Unlimited X-tra Green Power

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PERFORMANCE PARAMETERS

Cell Type	LiFePO4					
Cell Specification(Ah)	100					
Nominal Voltage(V)	76.8					
Operating Voltage(V)	66~87.6					
Number of Packs	3	4	5	6	7	8
Nominal Energy(kWh)	7.68					
Usable Energy(kWh)[1]	6.91					
Charge/Discharge Current(A) Recommend	50					
Max. charge/Discharge Current(A)	100					

GENERAL PARAMETERS

Weight(kg)[2]	189	252	315	378	441	504
Height(with Base)(mm)	640	780	920	1060	1200	1340
Width(with Decorative Parts)(mm)	800					
Depth(with Decorative Parts)(mm)	400					
Life Cycle(25℃ ±2℃)	≥6000					
Installation Method	Floor-Mounted					
Operating Temperature	Charge: 0~55℃, Discharge: -20~60℃					
Storage Temperature	-20~45℃≤1 month; -20~35℃≤6 month					
Relative Humidity	5~95%RH No condensation					
Operating Altitude[3]	≤2000m					
Thermal Management	Natural Cooling					
Protection Level	IP20					
Protection Strategy	Over voltage, Overcurrent, Short Circuit, and Overtemperature Protections					
Flexibility of Pack Expansion	Supported					

COMMUNICATION

Display	SOC Status, Fault and Operation Status
Communication Protocol	RS485/CAN

REFERENCE STANDARDS

Certification	REACH、RoHS、IEC62619、UN38.3
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[1].DC Usable Energy,test conditions:90% DOD,0.5C charge & discharge at 25℃.

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

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

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