



BATTERY(LV)

ABL02-05L65

ABL02-16L65



Safe & Reliable

» Low-voltage design, free from high-voltage electric shock hazards, shock-proof



Economical & Cost-Saving

» Adopts grade A lithium iron phosphate cells with cycle life exceeding 6000 times, guaranteeing product of regular service.



User-Friendly

» Strong adaptability: Resistant to high temperature and extreme cold
 » Easy installation: Wall-mounted or floor-standing available, supports flexible multi-unit parallel connection



Smart

» High compatibility: Compatible with mainstream low-voltage inverters

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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	ABL02-05L65	ABL02-16L65
PERFORMANCE PARAMETERS		
Cell Type	LiFePO4	
Cell Specification(Ah)	100	314
Nominal Voltage(V)	51.2	
Operating Voltage(V)	43.2~58.4	
Nominal Energy(kWh)	5.12	16.07
Usable Energy(kWh)[1]	4.6	14.46
Charge/Discharge Current(A) Recommend	50	157
Max. Charge/Discharge Current(A)	100	157
PERFORMANCE PARAMETERS		
Weight(kg)[2]	45±5	120
Dimension(W*H*D ±1mm)	630±6*410±6*160±6	480*862*246
Parallel Quantities	Max.15 pcs in Parallel	
Life Cycle(25 C ±2 C,90%DOD,0.5C,70%EOL)	≥6000	≥8000
Operating Temperature	Charge: 0~55 C , Discharge: -20~60 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	Wall-mounted	Floor-standing
Installation Environment	Indoor/Outdoor	
Ingress Protection Rating	IP65	
Maximum Operating Altitude[3]	≤2,000m	
Protection Strategy	Overvoltage Protection, Overcurrent Protection, Short Circuit Protection, Overtemperature Protection,Undervoltage Protection,Low-temperature Protection	
DISPLAY & COMMUNICATION		
Display	SOC, Faults, and Operating Status	
Communication	RS485/CAN	

[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.