AUXSOL

2024_11

AUX GROUP

Established in 1986, AUX Group is an enterprise which covers 5 industries. It ranked China's top 500 enterprises for consecutive years, 30000+ employees keep AUX fast development for recent years.

38 Years	$12 Billion	5	$10 Billion	500	30000+
History	Revenue in 2023	Business Industries	Assets	China's Top	Employees

R&D Strength

AUX Solar team is always adhered to the philosophy "quality is the footstone, innovation is the soul". We are market-oriented, focus on the analysis of product technology trends and based on the real demands of customers. In order to provide customers the best products and more values. We keep improving the core competitiveness of products, comprehensively to achieve product leadership in solar industry.

6 R&D centers

50+ Top experts in the industry

20117 Patents

100 million Average annual investment

3 CNAS labs

5474 R&D engineers

Ningbo AUX Solar Import & Export Co., Ltd.

No.17 Fenglin Road, Cicheng Town,
Jiangbei District, Ningbo City, Zhejiang Province, China

Linked in

info@auxsol.com

www.auxsol.com

+86 0574-8765 2201

AUXSOL

WIN A GREEN FUTURE TOGETHER



ENERGY STORAGE BATTERY

LOW-VOLTAGE



ENERGY STORAGE BATTERY

LOW-VOLTAGE

Cycle life of over 6000 times

the ability to expand multiple sets of capacity

Safe and convenient operation

save electricity costs

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 recentversion at the moment of signing the contract.

		ABL02-05L20	ABL02-10L20	ABL02-16L20
Performance Parameters				
Cell Type		LiFePO4		
Cell Specification		100	205	314
Number of Cells		16	16	16
Nominal Voltage		51.2		
Operating Voltage		44.8～57.6		
NominalEnergy(kWh)		5.12	10.49	16.07
UsableEnergy		4.6	9.44	14.46
Charge/Discharge Current(A)	Recommend	100	105	157
	Max.	100	200	200
Communication				
Display		SOC, Faults, and Operating Status		
Communication Protocol		RS485/CAN		
General Parameters				
Weight(kg)		52.5	93	118.5
Dimension(W*H*D ±1mm)		420*660*160	420*660*245	420*895*250
Parallel Quantities		Max.15 pcs in Parallel(76.8kWh)		
Life Cycle		≥6000(25℃±2℃,90%DOD,1C,70%EOL)		≥8000(25℃±2℃,90%DOD,0.5C,70%EOL)
Operating Temperature		Charge：0～50 ，Discharge：-20～50		
Storage Temperature		-20～45 ≤1 month; -20～35 ≤6 month.		
Relative Humidity		5%～95%(Non-condensing)		
Cooling Method		Natural Cooling		
Installation Method		Floor-standing/Wall-mounted	Floor-standing/Wall-mounted	Floor-standing
Installation Environment		Indoor		
Ingress Protection Rating		IP20		
Maximum Operating Altitude		≤2,000m		
Protection Strategy		Overvoltage Protection, Overcurrent Protection, Short Circuit Protection, Overtemperature Protection		
Reference Standards				
Certification		CE,UN38.3		

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. IP65 is optionally available.
4. Output power may be affected by altitude.