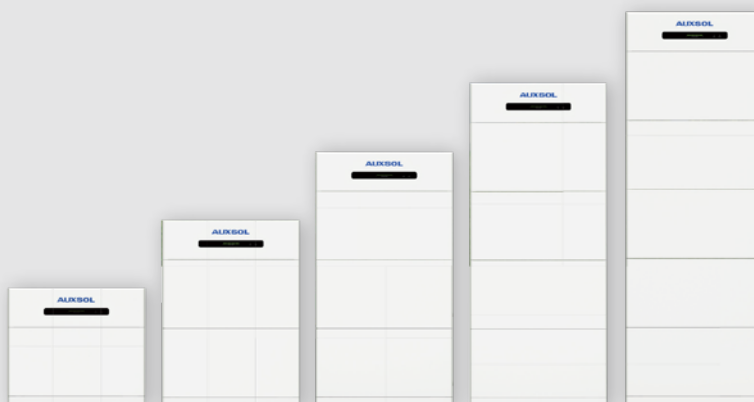


BATTERY(HV)



ABL-T05H-H02

ABL-T10H-H02

ABL-T15H-H02

ABL-T20H-H02

ABL-T25H-H02



High Efficiency

- » LiFeO₄ Lithium iron phosphate battery cells,
- » Batteries can be stacked up to 26.5kWh in a single cluster, supporting 2x capacity expansion.
- » Passes five-meter drop test, puncture test



Smart

- » AI BMS Plus
- » Intelligent redundant protection



User-Friendly

- » Modular design, quick plug-in installation, no wiring required
- » Matchable single-phase and three-phase high-voltage hybrid inverters
- » Optional heating module
- » Remote diagnosis & update



Safe & Reliable

- » Cycle life > 6000 cycles
- » Warranty up to 10 years
- » Configuration of smoke sensor and fuse double insurance
- » IP65 protection rating, adaptable to harsh operating environments
- » Unpackaged 5m drop, no risk of fire or smoke



Economical & Cost-Saving

- » Easy installation and low maintenance

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

Ningbo AUX Solar Import & Export Co., Ltd.

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	ABL-T05H-H02	ABL-T10H-H02	ABL-T15H-H02	ABL-T20H-H02	ABL-T25H-H02
Performance Parameters					
Cell Type	LiFePO4				
Cell Specification (Ah)	50				
Number of Packs	1	2	3	4	5
Cell grouping method	1P32S				
Nominal Voltage (V)	102.4	204.8	307.2	409.6	512
Voltage Range (V)	86.4V-115.2	172.8V-230.4	259.2-345.6	345.6- 460.8	432-576
Nominal Energy (kWh)	5.3	10.6	15.9	21.2	26.5
Usable Energy (kWh) [1]	4.5	9.0	13.5	18.0	22.5
Max Output Power (kW)	3	6	9	12	15
Max Charge/Discharge Current (A)	32				
General Parameters					
Weight (kg) [2]	59kg	103.5kg	148kg	192.5kg	237kg
Height (mm)	600	950	1300	1650	2000
Width (mm)	700				
Depth (mm)	200				
Life Cycle (25℃±2℃)	≥6000 (70% EOL)				
Installation Method	Floor-Mounted Installation				
Operating Temperature	-10~50℃				
Relative Humidity	5~95%RH				
Operating Altitude[3]	≤2000m				
Thermal Management	Natural Cooling				
Protection Level	IP65				
Protection Strategy	Overvoltage, Overcurrent, Short Circuit, and Overtemperature Protections				
Scalability	Maximum of Two Units in Parallel				
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				

[1].DC Usable Energy, test conditions:90% DOD, 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.