

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.



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



21261 Patents



100 million
Average annual investment



3 CNAS labs



5474 R&D engineers

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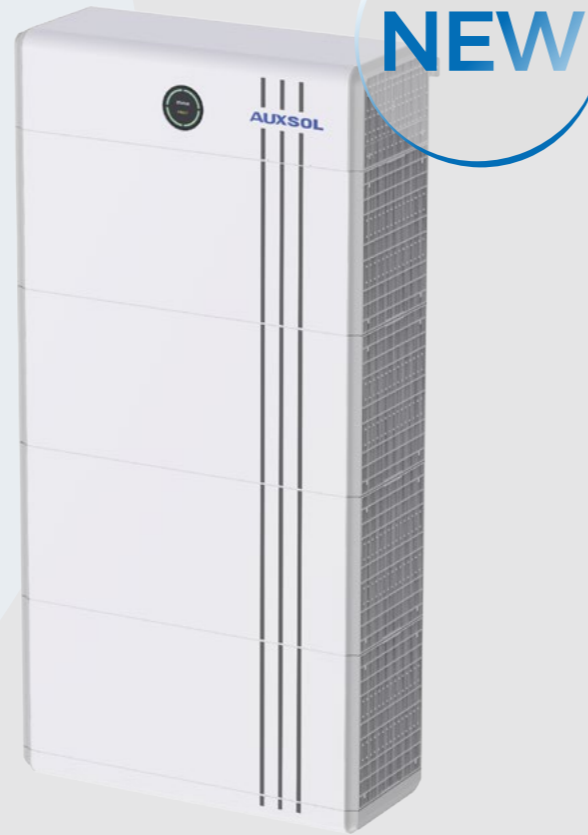
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BATTERY-HV

ABL-T(5-20)H

ABL-T(5-20)H



ENERGY STORAGE BATTERY HIGH-VOLTAGE



Support mixing old and new battery packs



Conversion efficiency 98.5%



Support parallel connection of 2 machines



Equipped with lightning protection function



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 recent version at the moment of signing the contract.

ABL-T05H

ABL-T10H

ABL-T15H

ABL-T20H

MODULE

Battery cell specifications	Lithium iron phosphate 314Ah/3.2V			
Cell grouping method	1P6S			
Number of packs	1	2	3	4
Total capacity	5kWh	10kWh	15kWh	20kWh
Rated charging and discharging power	2.5kW	5kW	8kW	10kW
Rated voltage	470V(370-560V)			

ELECTRICAL PARAMETER

Weight (kg)	71	129	187	245
Height - including base (mm)	500	780	1060	1340
Width - including decorative parts (mm)	738			
Depth - including decorative parts (mm)	260			
Installation method	Floor installation, wall mounted installation			
working temperature	-20-55			
Storage temperature	-25-60			
relative humidity	5-95% RH (without condensation)			
Working altitude	≤4000m			
Thermal management	Natural cooling and battery heating function			
Protection level	IP66			
Protection strategy	Overvoltage and overcurrent protection, short circuit protection, and over temperature protection			
Scalability	Parallel connection of two machines			
Mixing old and new battery packs	support			
fire control	Pack level fire protection			
authentication	REACH, RoHS, IEC62620, IEC60730, IEC62619, IEC63056, UN38.3			

DISPLAY&COMMUNICATION

Display	SOC status, faults, and operational status
Communication Interface	RS485/CA