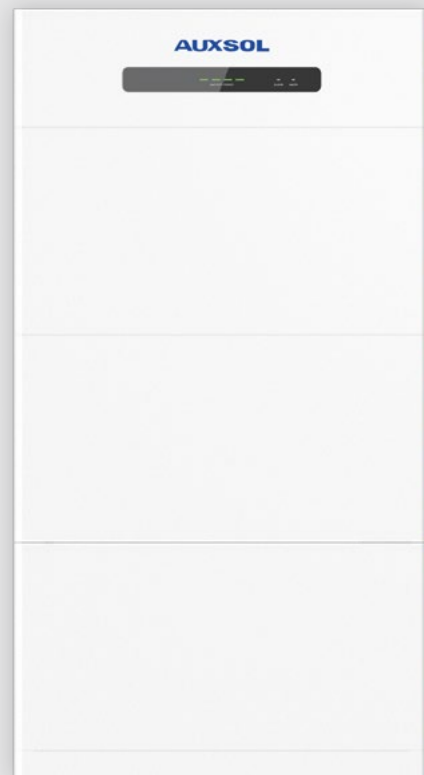


BATTERY PACK (HV)

ABL-T(05-25)H-H02



KEY FEATURES



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.

39 Years History	\$12.4 Billion Revenue in 2024	5 Business Industries
\$9.6 Billion Assets	500 China's Top	40000+ Employees

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	ABL-T05H-H02	ABL-T10H-H02	ABL-T15H-H02	ABL-T20H-H02	ABL-T25H-H02
BATTERY					
Nominal battery energy	5.3kWh	10.6kWh	15.9kWh	21.2kWh	26.5kWh
Available energy	4.5kWh	9kWh	13.5kWh	18kWh	22.5kWh
Battery module	1	2	3	4	5
Cell type	LFP				
Nominal voltage	102.4V	204.8V	307.2V	409.6V	512V
Working voltage	86.4V-115.2V	172.8V-230.4V	259.2-345.6V	345.6- 460.8V	432-576V
Max. output power	3kW	6kW	9kW	12kW	15kW
Max. charging/discharging current	32A				
Peak power	3.5kW/10s	7kW/10s	10.5kW/10s	14kW/10s	17.5kW/10s
Peak current	35A, Lasts 10s				
Soc indicator	4*LED (25%, 50%, 75%, 100%)				
State indicator	2*LED (work, alarm)				
Communication	CAN, RS485				
GENERAL DATA					
Dimensions (W*H*D)	700*660*200mm	700*950*200mm	700*1300*200mm	700*1650*200mm	700*2000*200mm
Net weight	59kg	103.5kg	148kg	192.5kg	237kg
Operating temperature range	Charge: -20 -50℃; Discharge: -20 -50℃				
Working altitude	4000m				
Calendar Life	>6000(70%EOL)				
Working humidity (RH)	5 ~ 95%				
Ingress protection	IP65				
Warranty	10 years				
Alarms	Over charge / Over discharge / Over current / Over temperature / Short Circuit				

***Minimun two battery modules required for startup** (Three-phase hybrid inverter)

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.