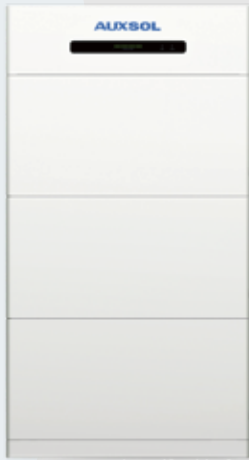


BATTERY PACK (HV)

ABL-(6.6-16.4)-H



BATTERY PACK (HV)

ABL-T(05-20)H-H01



Intelligent redundant protection



Remote diagnosis & update



Easy installation and low maintenance



Reliable LFP technology with high cycle stability



Flexible Expansion



Max. IP65 protection



ALL-IN-ONE ENERGY STORAGE SYSTEM

ASG-5TL-T10H



All-in-One design



Calendar Life > 6000



Remote diagnosis & upgrade



5.5kW Max. AC Output



Automotive-Grade lithium-Ion battery



10.6kwh battery capacity

BATTERY PACK

	ABL-6.6-H	ABL-9.8-H	ABL-13.1-H	ABL-16.4-H	ABL-T05H-H01	ABL-T10H-H01	ABL-T15H-H01	ABL-T20H-H01
Battery								
Usable energy	6.55kWh	9.83kWh	13.1kWh	16.38kWh	5.3kWh	10.6kWh	15.9kWh	21.2kWh
Battery module	32S1P, 3.27kWh				32S1P, 5.3kWh			
Number modules	2	3	4	5	1	2	3	4
Cell type	LiFePO4				LiFePO4			
Nominal voltage	204.8V	307.2V	409.6V	512V	102.4V	204.8V	307.2V	409.6V
Operating voltage range	182.4-230.4V	273.6-345.6V	364.8-460.8V	456-576V	86.4V ~ 115.2V	172.8~230.4V	259.2~345.6V	345.6~460.8V
Nominal power	5.12kW	7.68kW	10.24kW	12.8kW	3kW	6kW	9kW	12kW
Max.charge current	32A				35A			
Max.discharge current	32A				35A			
Max.Short circuit current	3500A				/			
Display	LED				LED			
Max.discharge of depth	100%				/			
Communication	RS485/CAN				RS485/CAN			
Protection								
Integrated DC switch					Yes			
Low temperature protection					Yes			
Over voltage protection					Yes			
Over current protection					Yes			
Over temperature protection					Yes			
General Data								
Dimensions (W*H*D)mm	600*764*330	600*1021*330	600*1278*330	600*1535*330	700*650*200	700*1000*200	700*1350*200	700*1700*200
Weight	113kg	157kg	201kg	245kg	65kg	115kg	165kg	215kg
Operating temperature range	Charge: 0 -50°C; Discharge: -10 -50°C				Charge: -20 -50°C; Discharge: -20 -50°C			
Relative humidity	0-95%				5-95%			
Mounting method	Grounded				Grounded			
Ingress protection	IP55				IP65			
Cooling concept	Natural Cooling				Natural Cooling			
Max. Operating altitude	2000m				< 4000m			
Warranty	10 years				10 years			
Standard and certification								
Safety	CE, CEC, IEC 62619, IEC 62040				CE, CEC, IEC 62619, IEC 62040			
EMC	CE, RCM				CE, RCM			
Transportation	UN38.3				UN38.3			

ALL-IN-ONE ENERGY STORAGE SYSTEM

ASG-STL-T10H			
PV Input		Efficiency	
Max. PV input power	7.5kW	Max. efficiency	98.00%
Max. PV input voltage	1000V	EU efficiency	97.30%
Min. input voltage	145V	MPPT efficiency	99.90%
MPPT voltage range	150~850V	Battery charged by PV Max. efficiency	98.50%
Rated input voltage	620V	Battery charge/discharge from/to AC Max. efficiency	97.60%
Max. PV input current	15A	Battery Data (LiFePO4)	
Max. short-circuit current	20A	Nominal battery energy	10.6kWh
No. of MPPT trackers	2	Available energy	9.0kWh
Strings per MPPT tracker	1	Max. output power	5kW
Output AC for On-grid		Max. charging/discharging current	25A
Rated power to grid	5kW	Nominal voltage	204.8V
Max. apparent AC power to grid	5.5kW	Working voltage	179.2-230.4V
Rated grid voltage	3W/N/PE, 380V/400V	Peak power	7kW lasts 10s
Rated power frequency	50Hz/60Hz	Peak current	35A lasts 10s
Max. output current to grid	8.5A	Communication	CAN, RS485
Max. AC current from grid	17A	Working temperature	-20~50°C
Adjustable displacement power factor	0.8leading-0.8lagging	Protection level	IP65
THDi	<3%	Working humidity	5%~95%
Output AC for Back-up		Working altitude	Below 2000m
Max. apparent output power	5kW	Calendar life	>6000 (70% EOL)
Peak apparent output power (@60s)	10kW for 60s	Certification	IEC62619,IEC60730,EN61000,UN38.3
Rated power frequency	3W/N/PE, 380V/400V	Warranty	10 years
Max. output current	8.5A	Dimension (LxWxH)	1450*700*210mm
Rated power frequency	50Hz/60Hz (+/-0.2%)	Net weight	135kg
Automatic switch time	<10ms		
THDv	<3%		

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.