

AUXSOL
WIN GREEN FUTURE TOGETHER

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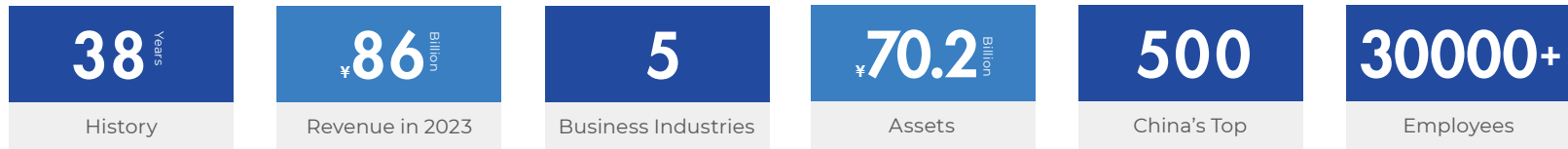
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- Ningbo AUX Solar Technology Co., Ltd. ("AUX Solar") is wholly-owned subsidiary of Ningbo AUX Smart Technology CO., LTD. With registered capital of USD 44 million, AUX Solar specializes in on-grid inverters, hybrid inverters, battery packs and energy storage systems.

- AUX Group was founded in 1986, for many years it ranked China's top 500 enterprises. AUX Group covers several industries: home appliances, electrical equipment, medical service, real estate and investment. It has two listed companies (601567.SH, 02080.HK).

- AUX Group always strictly adheres to the philosophy of "Quality First" , so does AUX Solar, which has over 100 employees and has been certified by ISO 9001 & ISO 14001& ISO 45001.

- In line with the development trend of global new energy industry, combining with 30+ years R&D experience of AUX Group, AUX Solar commits to providing a complete system solution for our customers with our high quality, efficient, reliable and user-friendly solar products.

- Up till now, AUX Solar has set up two R&D centers in Ningbo and Shenzhen as well as service centers in Brazil, Colombia, Poland, Bangladesh and Indonesia, building a marketing service system covering global solar markets.

- In the future, AUX Solar will improve its industrial layout of new energy with continuous innovation and dedication to solar industry, with the ultimate goal of promoting energy reform worldwide and rendering green energy available to thousands of households.



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.



Milestone AUX Group

1986

Establish



1994

Set up AUX air conditioning company



1989



Establishment of power division-Sanxing Electric

2000



Establishment of real estate division - AUX real estate

2006

Establishment of medical department - Mingzhou hospital



2011



Sanxing Electric was listed on Shanghai Stock Exchange

2015

Brazil and Indonesia set up overseas factories



2019



Thailand base completed

2021

Set up overseas factories in Poland










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	20117 Patents	3 CNAS labs	5474 R&D engineers
500 PCB engineers	100 million Average annual investment	120 Leading electronic control staff	6% Annual R&D investment accounting for 6% of the sales



Global Certifications

1 EN 50549-1 	2 EN IEC62109 	3 EN 61000 	4 NC-RFG 	
5 IEC 61727 	6 IEC 62116 	7 IEC 61683 	8 INMETRO 	9 VDE4105 



AUX Factory

12 manufacturing bases

4 overseas: Brazil, Indonesia, Thailand, Poland

37 Million
Air conditioner

25 Million
Electrical meter

10 Million
Transformer

8 Million
Metering box

300 K
Inverter

Product 01

On-Grid Inverter

AUXSOL new-design ASN 3.6-110kW series grid-tied inverters, safe, reliable and beautiful, which is the perfect match for household and C&I scenarios. Manufactured for durability and longevity under modern industrial standards, it can be mounted either in your home or outside.

It is suitable for various photovoltaic projects, and integrates multi-functional protection units to achieve safe and efficient power generation.



ASN-(3.6-5)SL



ASN-(6-10)SL



ASN-(5-25)TL



ASN-(70-125)TL








SINGLE PHASE ON-GRID INVERTER





- ASN-3.6SL
- ASN-4SL
- ASN-4.6SL
- ASN-5SL
- ASN-6SL
- ASN-7SL
- ASN-8SL
- ASN-10SL


- 

80V start-up voltage
- 

Max. 200% DC/AC ratio
- 

Max. efficiency 98.1%
- 

Optional AFCI function
- 

Optional anti-backflow
- 

Wide range of MPPT voltage

Technical Data	ASN-3.6SL	ASN-4SL	ASN-4.6SL	ASN-5SL	ASN-6SL	ASN-7SL	ASN-8SL	ASN-10SL
Start-up voltage	80V		80V		80V		40V	
MPPT voltage range	80-520V		80-550V		80-550V		40-550V	
Max. input current	13.5A/13.5A		16A/16A		27A/16A		32A/16A	
MPPT number	2		2		2		2	
Max. input strings number	2		2		3		3	
Max. output power	3.96kW	4.4kW	5.06kW	5kW	6.6kW	7.7kW	8kW	10kW
Rated grid output current	15.7A	17.4A	20.0A	21.7A	27.3A	31.8A	36.4A	45.5A
Max. output current	16A	19.4A	22.3A	24.3A	29.1A	34A	36.4A	45.5A



THREE PHASE ON-GRID INVERTER



- ASN-5TL
- ASN-6TL
- ASN-8TL
- ASN-10TL
- ASN-12TL
- ASN-15TL



String current up to 16A



Wide range of MPPT voltage



Max. 200% DC/AC ratio



Max. efficiency 98.5%



Optional AFCI function



I-V curve scan

Technical Data	ASN-5TL	ASN-6TL	ASN-8TL	ASN-10TL	ASN-12TL	ASN-15TL
Start-up voltage	200V					
MPPT voltage range	200-1000V					
Max. input current	16A/16A					32A/16A
MPPT number	2					
Max. input strings number	2					3
Rated output power	5kW	6kW	8kW	10kW	12kW	15kW
Max.apparent output power	5.5kVA	6.6kVA	8.8kVA	11kVA	13.2kVA	16.5kVA
Rated output current	7.6A	9.1A	12.1A	15.2A	18.2A	22.8A



THREE PHASE ON-GRID INVERTER



ASN-17TL

ASN-20TL

ASN-23TL

ASN-25TL



String current up to 16A



Wide range of MPPT voltage



Max. 200% DC/AC ratio



Max. efficiency 98.5%



Optional AFCI function









I-V curve scan

Technical Data	ASN-17TL	ASN-20TL	ASN-23TL	ASN-25TL
Start-up voltage	200V			
MPPT voltage range	200-1000V			
Max. input current	32A/32A			
MPPT number	2			
Max. input strings number	4			
Rated output power	17kW	20kW	23kW	25kW
Max.apparent output power	18.7kVA	22kVA	25.3kVA	27.5kVA
Rated output current	25.7A	30.3A	34.8A	37.8A



THREE PHASE ON-GRID INVERTER

- ASN-70TL
- ASN-75TL
- ASN-80TL
- ASN-90TL
- ASN-100TL
- ASN-110TL
- ASN-125TL

-  String current up to 16A
-  Wide MPPT voltage range
-  Max. efficiency 98.6%
-  AFCI Optional AFCI function
-  Optional anti-backflow
-  I-V curve scan

Technical Data	ASN-70TL	ASN-75TL	ASN-80TL	ASN-90TL	ASN-100TL	ASN-110TL	ASN-125TL
Start-up voltage	195V						
Rated voltage	620V						
MPPT voltage range	180-1000V						
Max. input current	5*32A		6*32A		10*32A		10*40A
MPPT number	5		6		10		
Max. input strings number	10		12		20		
Rated output power	70kW	75kW	80kW	90kW	100kW	110kW	125kW
Max.apparent output power	77kVA	82.5kVA	88kVA	99kVA	110kVA	121kVA	137.5kVA
Rated grid output current	101A	108.3A	115.5A	130A	144.5A	158.8A	180.4A

Product 02

Energy Storage

AUXSOL ASC series hybrid inverters can greatly reduce electricity bills and effectively increase self-use (solar power generation) through power output limitation and peak-valley arbitrage mode. ASC series hybrid inverter with ultra-wide MPPT, compatible with various battery types. AUXSOL hybrid solar inverter brings better energy options to users.



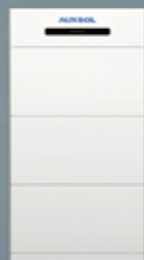
ASG-(3.6-6)SL-ZH



ASG-(5-20)TL-ZH



ABL-(6.6-16.4)-H



ABL-(T05-20)H-H01



ASG-5TL-T10H








SINGLE PHASE HYBRID INVERTER





- ASG-3.6SL-ZH
- ASG-4SL-ZH
- ASG-4.6SL-ZH
- ASG-5SL-ZH
- ASG-6SL-ZH


- 

String current up to 16A
- 

Wide range of MPPT voltage
- 

Remote diagnosis & update
- 

<10ms UPS-level switching
- 

24-hour intelligent energy management
- 

Easy setting of smart working modes

Technical Data	ASG-3.6SL-ZH	ASG-4SL-ZH	ASG-4.6SL-ZH	ASG-5SL-ZH	ASG-6SL-ZH
Rated voltage			360V		
MPPT voltage range			90-520V		
Max.input current			16A/16A		
MPPT number			2		
Max. input strings number			2		
Battery voltage range			80V-480V		
Max. charge / discharge current			30A/30A		
Back-up switch time			<10ms		



THREE PHASE HYBRID INVERTER

- ASG-5TL-ZH
- ASG-6TL-ZH
- ASG-8TL-ZH
- ASG-10TL-ZH
- ASG-12TL-ZH
- ASG-15TL-ZH
- ASG-20TL-ZH



String current up to 16A



Wide range of MPPT voltage



Remote diagnosis & update



<10ms UPS-level switching



24^h 24-hour intelligent energy management



Easy setting of smart working modes

Technical Data	ASG-5TL-ZH	ASG-6TL-ZH	ASG-8TL-ZH	ASG-10TL-ZH	ASG-12TL-ZH	ASG-15TL-ZH	ASG-20TL-ZH
Rated voltage	600V						
MPPT voltage range	200-900V						
Max.input current	16A/16A			26A/26A			36A/36A
Max.short circuit current	20A/20A			32A/32A			45A/45A
MPPT number	2						
Max. input strings number	2					4	
Max. charge / discharge current					30A/30A		2*30A/2*30A
Back-up switch time	<10ms						



BATTERY PACK (HV)

- ABL-6.6-H
- ABL-9.8-H
- ABL-13.1-H
- ABL-16.4-H



Intelligent redundant protection



Remote diagnosis & update



Easy installation and low maintenance



Reliable LFP technology with high cycle stability



Flexible Expansion

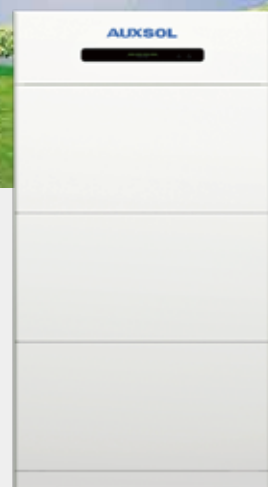


Max. IP65 protection

Technical Data	ABL-6.6-H	ABL-9.8-H	ABL-13.1-H	ABL-16.4-H
Usable energy	6.55kWh	9.83kWh	13.1kWh	16.38kWh
Number modules	2	3	4	5
Nominal voltage	204.8V	307.2V	409.6V	512V
Operating voltage range	182.4-230.4V	273.6-345.6V	364.8-460.8V	456-576V
Nominal power	5.12kW	7.68kW	10.24kW	12.8kW
Max. charge current	32A			
Max. discharge current	32A			
Max. discharge of depth	100%			



BATTERY PACK (HV)



- ABL-T05H-H01
- ABL-T10H-H01
- ABL-T15H-H01
- ABL-T20H-H01






-  Intelligent redundant protection
-  Remote diagnosis & update
-  Easy installation and low maintenance
-  Reliable LFP technology with high cycle stability
-  Flexible Expansion
-  Max. IP65 protection

Technical Data	ABL-T05H-H01	ABL-T10H-H01	ABL-T15H-H01	ABL-T20H-H01
Nominal battery energy	5.3kWh	10.6kWh	15.9kWh	21.2kWh
Module number	1	2	3	4
Battery type	LiFePO4			
Nominal voltage	102.4V	204.8V	307.2V	409.6V
Operating voltage range	86.4V ~ 115.2V	172.8~230.4V	259.2~345.6V	345.6~460.8V
Max. charge current	35A			
Max. discharge current	35A			
Calendar life	>6000 (70% EOL)			



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

Technical Data	ASG-5TL-T10H
Max. PV input power	7.5kW
MPPT voltage range	150~850V
No. of MPPT trackers	2
Strings per MPPT tracker	1
Max. apparent AC power to grid	5.5kW
Automatic switch time	<10ms
Nominal battery energy	10.6kWh
Calendar life	>6000 (70% EOL)

Remote Monitoring

Intelligent AI

- IV scan function, one-click to know PV modules status
- Intelligent alarm propelling, more efficient for troubleshooting
- Intelligent local devices comparison

Convenient O&M

- One-click creating plant & One-click adding device
- Multi-level maintenance, supporting level management
- Multidimensional real-time data, supporting remote configuration
- Large screen display, intuitive & clear

Safe & Reliable

- Micro service framework, supporting tens of million devices
- Safe operating information, supporting investigation and retrospection
- Safe link, multiple data backup



Concept

- Comprehensive support for all AUXSOL products, including on-grid inverters, hybrid inverters, battery pack, datalogger, meter etc.
- Customer focused service concept
- Factory trained and certified service engineers ensure good service experience for global customers

Warranty Service

Based on AUXSOL products, provide suitable and cost-effective solution.

Provide corresponding extended warranty according to different regions requirement.

Training Support



Product Features Operation & Maintenance Troubleshooting Guide



On-line training for Customers and Service Partners



On-site training for O&M staff of customers