Jntech

jntech
make the world greener

New Energy
Product Manual

2025

CONTACT US

JNTech Renewable Energy

📍 28 Taiyuan Road Hefei,Anhui,China 230051

📞 +86-551-62930323   🖨 +86-551-65393686

✉ sales@jnnewenergy.com   🌐 www.jntechenergy.com
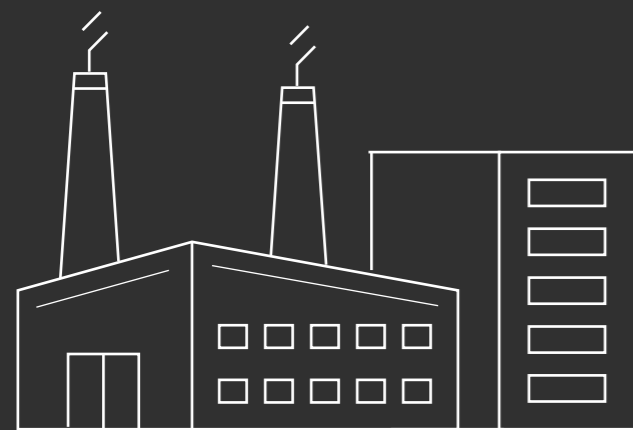
JNTech Renewable Energy

An Excellent Product And Service
Provider In The Field Of Solar
Applications

ABOUT JNTECH

JNTech is a global leader in advanced micro-grid solutions, committed to providing reliable and sustainable energy systems that address the unique challenges of diverse regions worldwide. Since our founding in 2006, we have focused on providing stable, affordable, and sustainable power through green energy for more people. To achieve this, we have developed a diverse portfolio of solutions that can adapt to different markets and needs. Currently, our products are sold in over 100 countries and regions.

As a leading manufacturer and provider of solar and new energy products, JNTech specializes in innovative technologies to meet a wide range of energy requirements. Our solutions include home energy storage systems, solar water pumping systems, solar oil extraction systems, solar mining systems, solar irrigation systems, electric vehicle charging systems, and other micro-grid solutions. These solutions incorporate both our proprietary products and those from other providers, ensuring comprehensive support for agriculture, remote power, and carbon footprint reduction.

With extensive experience and technical expertise in photovoltaic micro-grid projects, JNTech has established strong partnerships with organizations such as the World Bank, United Nations, IBRD, FAO, and various NGOs. These collaborations underscore our commitment to advancing sustainable energy solutions on a global scale. We believe that the widespread adoption of clean energy will enhance convenience and development opportunities for communities worldwide.

Qualifications and Honors

▶ National Standard Drafter

▶ United Nation Global Marketplace Supplier

▶ Specialized and New Enterprise

▶ National High-Tech Enterprise

▶ National Innovative SME

▶ Anhui Province Specialized in Special New Enterprises

▶ CE, TUV, ISO9001, ISO14001, and OHSAS18001 Certifications

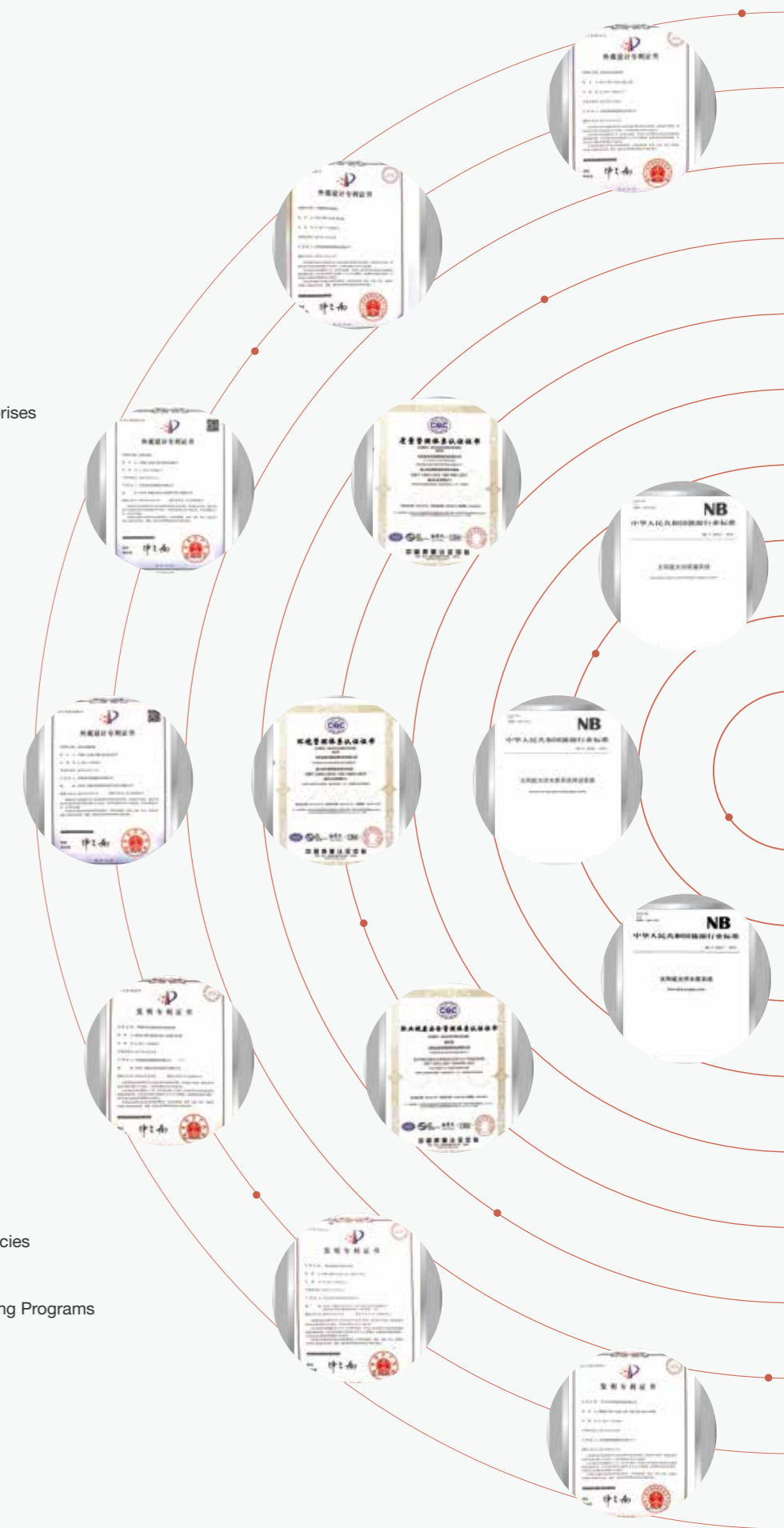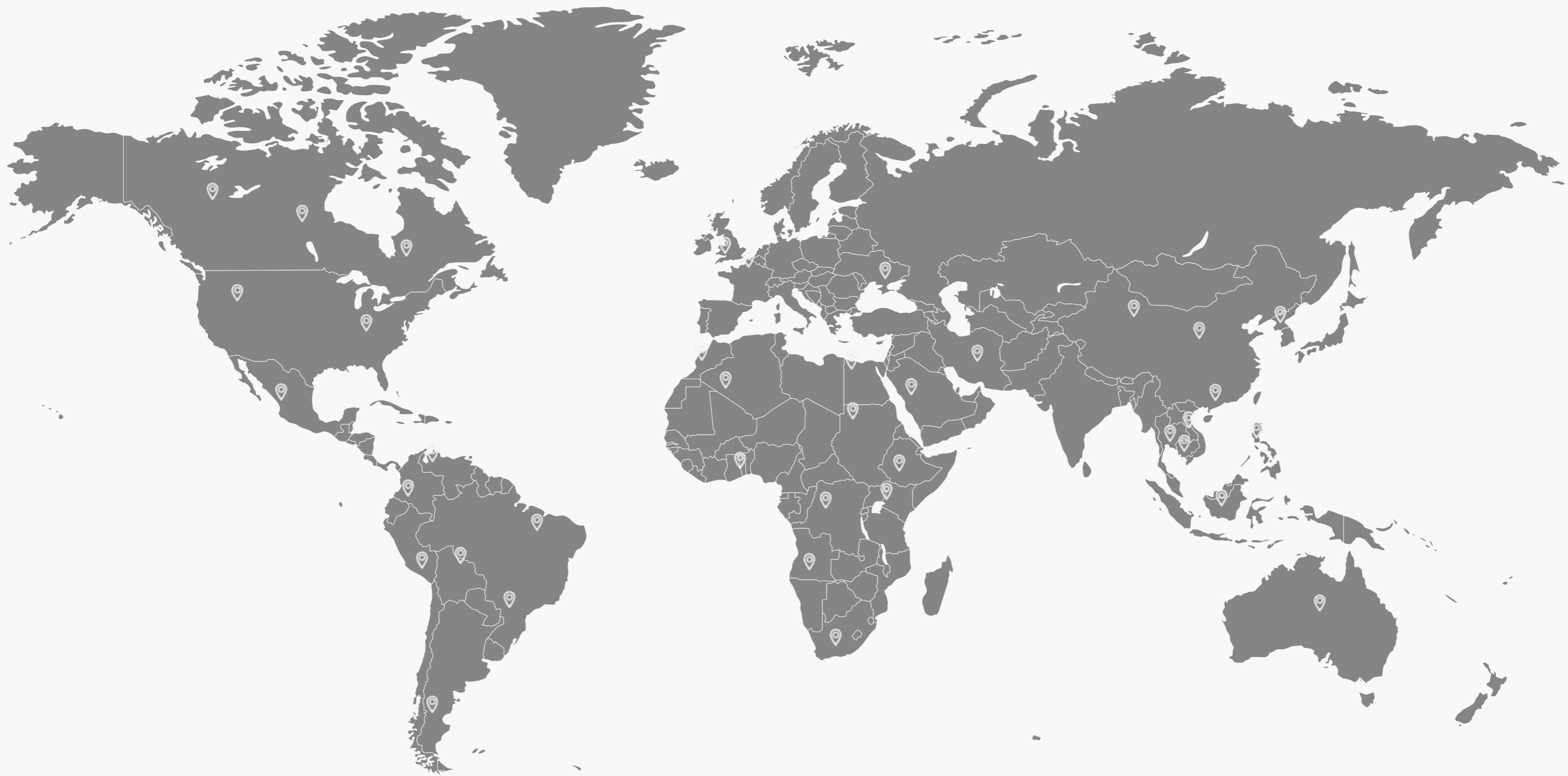## Service

Pre-sales

▶ Investment Consultation

▶ Site Selection Assistance

▶ Customized Design Solutions

▶ Site Construction Support

▶ Operations and Maintenance Planning

After-sales

▶ Standardization of Workflow, Operations, and Policies

▶ Technical Services, Marketing Support, and Training Programs

▶ Collaborative Platform for Technical Exchanges

▶ Creating Value through Win-Win Cooperation

▶ 24/7 Online Support and Service

GLOBAL SALES
NETWORK

15+
Years of Experience
in Solar Industry

40%+
R&D Employees

100+
Countries and Regions

10,000+
Global Clients

1,000,000+
Products Sold

Portable Solar Kit

Solar-Powered Electric Fan

Model	**JNXZW-15W3ND**	**JNXZW-15W2ND**
Specification		
Power	15W	
Solar panel	12W Monocrystalline silicon A panel 9V	3W Monocrystalline silicon A panel 9V
Battery capacity	ternary lithium battery 7.4V 4*2200 mAh	18650/ 2*2600 mAh
Charger	9V2A adaptive charger	
Gear	3 gears	3 gears
Charging time	4~6H	
Duration of use	5~6 hours in 3 gears	3 gears 4-5H
Functional mode	/	night light, with 3W bulb, USB charger
Fan size	16 inches, height 120cm, width 43cm	12 inches, height 50cm, width 35cm
Solar panel size	350*290mm	230*140mm
Packing quantity	1 set/carton	
Box size	44*15*61cm	42*21.5*35cm
G.W.	4.8Kg	2.8Kg
Product color	white	

5W	**Model**	**JNAX-SL-30W**
	Specification	
	Light Color	White
	Product Dimensions	105*145mm
	Battery Capacity	3600mAh 3Battery
	Charging Time	6~8 h
	Solar Panel Size	200*148*16mm
	Usage Duration	Strong Light: 4~6 h, Weak Light: 8~10 h
	Quantity per Carton	1*40pcs

20W	**Model**	**JNAT-0464A20-10**
	Specification	
	LED bulb	5W bulb 3pcs,with 5m cable,6000K
	Solar panel	6V 18W, Polycrystalline
	Battery type	LiFePO4 3.2V 18AH
	Charging time	6~8 hours
	Discharging time	10~24 hours
	Radio	Support FM radio function/U disk/SD card
	Material	ABS

Jntech

Portable Solar Kit

Solar-Powered Floodlight

Model	JNAT-DQ1208A500-56	JNAT-DQ1208B1000-57
Specification		
Inverter power	500W	1000W
Solar panel	18V 90W, Polycrystalline (solar panel is an optional which not included in the price)	36V 180W, Polycrystalline (solar panel is an optional which not included in the price)
Battery type	12.8V 48AH, LiFePO4	25.6V 48AH, LiFePO4
AC output	220V 50Hz	
DC output	12V 5A, 2PCS	
USB output	5V 4A, 2PCS	
Type-C	30W*2PCS	

Model	JNSZ-831045
Specification	
Power	3W
Lamp body	L27224350mm PS
Solar panel	6V/6W Monocrystalline 235*350*15mm
Battery	Lithium Manganese 2.4AH/3.7V
LED	5730 LED 156 pieces * 0.2W/piece White Light
Functions	Light Control + Remote Control + Battery Level Display
Cable length	0.5m, 0.14mm²

Model	JNXZW-50W258LM	
Specification		Function
Power	50W	Digital display +photocell sensor +remote control
Solar panel	mono 6V 3W	
Panel size	220*137mm ABS frame	
Battery	3.2V/3AH 18730*1pcs	
LED chips	SMD 5730,77pcs	
Material	ABS	
IP grade	IP67	
Charge time	5-6H	
Discharge time	10-15H	
Irradiation area	80㎡	
Product size	209*185*57mm	
LM	258lm	

All-in-One Solar Street Light

All-in-One Solar Street Light

Model	JNXZW-200W2184LM	JNXZW-300W2597LM	JNXZW-400W2855LM	
Specification				**Function**
Power	200W	300W	400W	Photocell sensor +radar sensor +remote control
LED chips	64 pcs 5054	96 pcs 5054	128 pcs 5054	
Solar panel	mono(5V/24W)	polysilicon(5V/27W)	mono(5V/32W)	
Battery	3.2V 16AH	3.2V 20AH	3.2V 25AH	
Product size	750*240*115mm	900*240*115mm	1000*240*115mm	
Panel size	690*215mm	840*215mm	940*215mm	
Material	aluminium			
Charging time	5~8H			
Discharge time	12H			
Lighting area	200㎡	300㎡	400㎡	
IP grade	IP65			
LM	2184lm	2597lm	2855lm	

Model	JNXZW-400W5151LM	JNXZW-500W5237LM	
Specification			**Function**
Power	400W		Photocell sensor +radar sensor +remote control
LED chips	228 pcs 5054	285 pcs 5054	
Solar panel	mono(5V/65W)	mono(5V/77W)	
Battery	3.2V 50AH	3.2V 60AH	
Product size	1012*357*84 mm 1012*357*185 mm 1012*357*324 mm	1305*357*84 mm 1305*357*185 mm 1305*357*324 mm	
Panel size	1050*350mm	1250*350mm	
Material	aluminium		
Charging time	5~8H		
Discharge time	12H		
Lighting area	400㎡	500㎡	
IP grade	IP65		
LM	5151lm	5237lm	

All-in-One Solar Street Light

Model	JNXZW-GH150
Specification	
Power	300W
Material	ABS
LED chips	5730 / 240 Pcs
Solar panel size	336×171mm
Solar panel capacity	6V 6W Monocrystalline
Battery	3.2V 4AH
Outer box dimensions	390*335*420mm / 10 units
Functions	Photocell sensor + radar sensor + remote control
Lighting duration	12 hours
Charge time	6~8 hours
Product size	402*178*58mm
Bracket included	50cm×Φ48mm

Model	JNXB-LY-A	JNXB-LY-B	JNXB-LY-C
Specification			
Color	White		
Solar panel maximum power	5V 25W	5V 35W	5V 45W
Solar panel brand	High-Efficiency Monocrystalline		
Solar panel lifespan	10 years		
Battery type	Lithium Iron Phosphate (LiFePO4)		
Battery capacity	3.2V 30AH		3.2V 45AH
Battery lifespan	5 years		
LED light source maximum power	30W	60W	80W
LED light source lnitial luminous flux	≥3500lm	≥5500lm	≥7200lm
LED light source lED chips	Philips SMD 5050, 42pcs, 160lm/W	Philips SMD 5050 70pcs 160lm/W	Philips SMD5050 98pcs 160lm/W
LED light source beam angle	70°+140°		
LED light source color temperature (optional)	3000K-3500K; 4000K-4500K; 6000K-6500K		
Light fixture material	Aluminum		
Control system (3.2P) MPPT charging	5 hours of sunlight per day		
Discharge runtime	Full power mode, time-sliced: 3 days of cloudy/rainy weather—1 hour at 100%, 3 hours at 70%, 4 hours at 50%, 4 hours at 30%		
Operating temperature range	-20°C ~ + 60°C		
Certifications	RoHS, CE, ISO-9001		
Product dimensions	L635 * W205 * H125mm	L900 * W205 * H125mm	L1200 * W205 * H125mm
Warranty period	3 years		

Jntech

All-in-One Solar Street Light

Model	JNAX-XC-100W	JNAX-XC-200W	JNAX-XC-300W
Specification			
Color	Silver		
Power	6V/18W	6V/25W	6V/30W
Solar panel size	594*211mm	694*211mm	894*211mm
Battery	3.2V/15AH	3.2V/20AH	3.2V/25AH
SMD LED chips	5730/110 pcs, Copper Base LED	5730/220 pcs, Copper Base LED	5730/330pcs, Copper Base LED
Material	Aluminum Profile		
Lamp body dimensions	598*222mm	698*222mm	898*222mm
Specification	45-Profile, Single Head	45-Profile, 2-heads	45-Profile, 3-heads

Model	JNAX-XCY-300W	JNAX-XCY-500W	JNAX-XK-200W
Specification			
Color	Silver		
Maximum Power of Solar Panel	6V/70W	6V/80W	6V7W
Solar panel size	338*1065mm	338*1160mm	357*166mm
Battery	3.2V/45AH	3.2V/60AH	3.2V/6AH
SMD LED chips	5054/150 pcs	5054/250 pcs	5730/360 pcs
Material	Aluminum profile	Aluminum profile	Plastic ABS + Glass
Lamp body dimensions	1080*350*50mm	1177*350*50mm	480*210mm
Specification	35-profile, 3-head	35-profile, 5-head	45-profile, 6-head