HuaPu Electric Power
https://www.3-led.com

ALL-IN-ONE SOLAR STREET LIGHT · CATALOGUE

2026

LIGHTING

PRODUCT LIST | QUALITY ASSURANCE



WHO WE SERVE

Technical partnership with the trade · three ways to work with us

01 ENGINEERING CONTRACTORS

Product supply with technical support

- Full product range - solar street lights, energy
- storage and inverters
- Technical support: drawings, specifications and
- installation guidance
- Tender and project documentation assistance

02 BRAND OWNERS

Joint development - OEM / ODM

- Co-development from design to mass production
- Your brand, your specifications
- Exclusive moulds and custom optical lens

03 CHANNEL PARTNERS

Product supply and service

- Stock models and fast delivery
- Distributor pricing with margin left for you
- After-sales support and product training

Many of the enquiries we receive come from individual resellers and hotels buying for their own use. Our business is built on technical partnership with the trade - engineering contractors, brand owners and channel partners.

© 2026 HP POWER · Shenzhen Huapu Power Electric Co., Ltd. · www.3-led.net



CONTENTS

FT1	P01
FT2	P02
FT3	P03
FA-A50	P04
FA-S45	P05
FA-V80	P06
DK-Y20	P07
DK-S45	P08
DK-K45	P09
DY-A50	P10
DY-Y20	P11
DB-A50	P12
DB-K45	P13
DB-Y20	P14
FD1	P15
XDY	P16

Product images







Scene application diagram

Suitable for various scenarios such as courtyards, parks, communities, rural roads, urban sidewalks, highways, etc., it can meet the lighting needs of different environments and provide safe and environmentally friendly green lighting support for outdoor activities.









SOLAR STREET LIGHT

90W // 120W // 150W



Advantage:

1. High lumen, brightness increased by 30%
2. MPPT charging increases charging efficiency by 20%
3. Increase the central illumination and expand the coverage of illumination
4. Intelligent power management system, automatic power distribution at night
5. Radar induction(optional selection)

Product parameters



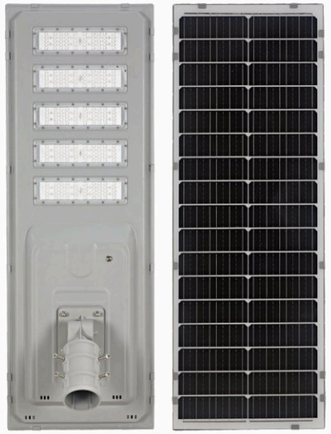
Model	HY-FT1-3M	HY-FT1-4M	HY-FT1-5M
Lamp body material	Die cast aluminum with galvanized sheet	Die cast aluminum with galvanized sheet	Die cast aluminum with galvanized sheet
Lens material	PC UV resistant and fire-resistant	PC UV resistant and fire-resistant	PC UV resistant and fire-resistant
Lamp body size	887x400x65mm	1159x400x65mm	1436x400x65mm
LED Qty	135PCS/SMD3030	180PCS/SMD3030	225PCS/SMD3030
Battery capacity	LiFeCoPO4 52Ah	LiFeCoPO4 75Ah	LiFeCoPO4 90Ah
Photovoltaic panels	mono (6V/18V) /65W	mono (6V/18V) /85W	mono (6V/18V) /105W
Photovoltaic panel size	882x396mm	1154x396mm	1431x396mm
Charging time	Effective light exposure for 4-6 hours	Effective light exposure for 4-6 hours	Effective light exposure for 4-6 hours
Discharge time	3-5 rainy days	3-5 rainy days	3-5 rainy days
Product Features	Intelligent light control+switch button	Intelligent light control+switch button	Intelligent light control+switch button
Waterproof grade	IP65	IP65	IP65
Suggested installation height	5-7M	6-8M	7-9M
Luminous efficacy	190LM/W	190LM/W	190LM/W



HuaPu Electric Power
www.cnled.net

Product images







Scene application diagram

Suitable for various scenarios such as courtyards, parks, communities, rural roads, urban sidewalks, highways, etc., it can meet the lighting needs of different environments and provide safe and environmentally friendly green lighting support for outdoor activities.









SOLAR STREET LIGHT

90W // 120W // 150W



Advantage:

1. High lumen, brightness increased by 30%
2. MPPT charging increases charging efficiency by 20%
3. Increase the central illumination and expand the coverage of illumination
4. Intelligent power management system, automatic power distribution at night
5. Radar induction(optional selection)

Product parameters









Model	HY-FT2-4M	HY-FT2-5M	HY-FT2-6M
Lamp body material	Die cast aluminum with galvanized sheet		
Lens material	PC UV resistant and fire-resistant	PC UV resistant and fire-resistant	PC UV resistant and fire-resistant
Lamp body size	888x396x64mm	1158x400x64mm	1358x400x64mm
LED Qty	120PCS/SMD3030	150PCS/SMD3030	180PCS/SMD3030
Battery capacity	LiFeCoPO4 52Ah	LiFeCoPO4 75Ah	LiFeCoPO4 90Ah
Photovoltaic panels	mono (6V/18V) /65W	mono (6V/18V) /85W	mono (6V/18V) /105W
Photovoltaic panel size	886x394mm	1156x398mm	1356x398mm
Charging time	Effective light exposure for 4-6 hours	Effective light exposure for 4-6 hours	Effective light exposure for 4-6 hours
Discharge time	3-5 rainy days	3-5 rainy days	3-5 rainy days
Product Features	Intelligent light control+switch button	Intelligent light control+switch button	Intelligent light control+switch button
Waterproof grade	IP65	IP65	IP65
Suggested installation height	5-7M	6-8M	7-9M
Luminous efficacy	210LM/W	210LM/W	210LM/W



HuaPu Electric Power
www.cnled.net

Product images



Scene application diagram

Suitable for various scenarios such as courtyards, parks, communities, rural roads, urban sidewalks, highways, etc., it can meet the lighting needs of different environments and provide safe and environmentally friendly green lighting support for outdoor activities.









SOLAR STREET LIGHT

100W // 200W // 300W // 400W



Advantage:

1. High lumen, brightness increased by 30%
2. MPPT charging increases charging efficiency by 20%
3. Increase the central illumination and expand the coverage of illumination
4. Intelligent power management system, automatic power distribution at night
5. Radar induction(optional selection)

Product parameters

IP65 Time Switch Optical Control Solar Energy

Model	HY-FT3-2M	HY-FT3-3M	HY-FT3-4M	HY-FT3-5M
Moudulars	2 Modulars	3 Modulars	4 Modulars	5 Modulars
Luminaire Size	840*400*195mm	1110*400*195mm	1310*400*195mm	1598*400*195mm
Solar Panel Specifications	6V/60W	6V/80W	18V/100W	18V/120W
Solar Panel Size	836*396mm	1106*396mm	1306*396mm	1594*396mm
LED QTY	5050/24PCS	5050/36PCS	5050/48PCS	5050/60PCS
Beam Angle	70*140°	70*140°	70*140°	70*140°
Efficacy	220LM/W	220LM/W	220LM/W	220LM/W
Ambient Temperature	-10℃~+45℃	-10℃~+45℃	-10℃~+45℃	-10℃~+45℃
CCT	6500-7000K	6500-7000K	6500-7000K	6500-7000K
PCB Layout	5C12B	5C12B	5C12B	5C12B
Aluminum PCB	94*174*1mm*2	94*174*1mm*2	94*174*1mm*2	94*174*1mm*2
Body Material	Galvanized Steel	Galvanized Steel	Galvanized Steel	Galvanized Steel
IP Grade	Ip66	Ip66	Ip66	Ip66
Warranty	Five Years	Five Years	Five Years	Five Years

HuaPu Electric Power www.cnled.net

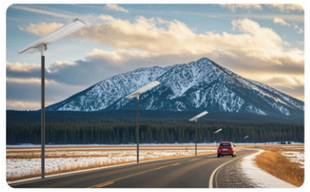
Product images



Scene application diagram

Suitable for various scenarios such as courtyards, parks, communities, rural roads, urban sidewalks, highways, etc., it can meet the lighting needs of different environments and provide safe and environmentally friendly green lighting support for outdoor activities.









SOLAR STREET LIGHT

80W // 100W // 120W // 140W // 150W



Advantage:

1. High lumen, brightness increased by 30%
2. MPPT charging increases charging efficiency by 20%
3. Increase the central illumination and expand the coverage of illumination
4. Intelligent power management system, automatic power distribution at night
5. Radar induction(optional selection)

Product parameters



Model	FA-A50-4M	FA-A50-5M	FA-A50-6M	FA-A50-7M	FA-A50-8M
Lamp body sizel	1184x430x50mm	1464x430x50mm	1524x430x50mm	1709x430x50mm	2104x430x50mm
LED source	3030	3030	3030	3030	3030
Single LED	1W	1W	1W	1W	1W
LED source quantity	120pcs	150pcs	180pcs	210pcs	240pcs
Luminous efficiency	200lm/W	200lm/W	200lm/W	200lm/W	200lm/W
solar panel	18V-80W	18V-100W	18V-120W	18V-140W	18V-150W
battery	3.2V 52AH	3.2V 75AH	3.2V 90AH	3.2V 150AH	12.8V 60AH
Light source voltage	30V	30V	30V	30V	30V
suitable	6-7m	7-8m	8-10m	11m	12m
mlighting Time	12h 3-5 rainy days	12h 3-5 rainy days	12h 3-5 rainy days	12h 3-5 rainy days	12h 3-5 rainy days
warranty	3years	3years	3years	3years	3years



www.sled.net

Product images



Scene application diagram

Suitable for various scenarios such as courtyards, parks, communities, rural roads, urban sidewalks, highways, etc., it can meet the lighting needs of different environments and provide safe and environmentally friendly green lighting support for outdoor activities.



SOLAR STREET LIGHT

80W // 100W // 120W // 140W // 150W



Advantage:

1. High lumen, brightness increased by 30%
2. MPPT charging increases charging efficiency by 20%
3. Increase the central illumination and expand the coverage of illumination
4. Intelligent power management system, automatic power distribution at night
5. Radar induction(optional selection)

Product parameters

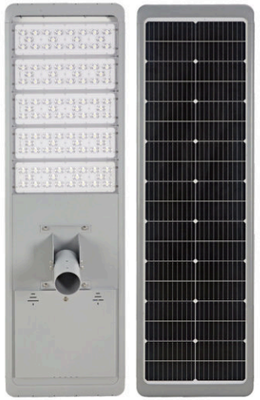
IP65 Time Switch Optical Control Solar Energy

Model	FA-S45-4M	FA-S45-5M	FA-S45-6M	FA-S45-7M	FA-S45-8M
Lamp body sizel	1184x430x50mm	1464x430x50mm	1524x430x50mm	1709x430x50mm	2104x430x50mm
LED source	3030	3030	3030	3030	3030
Single LED	1W	1W	1W	1W	1W
LED source quantity	180pcs	225pcs	270pcs	315pcs	360pcs
Luminous efficiency	200lm/W	200lm/W	200lm/W	200lm/W	200lm/W
solar panel	18V-80W	18V-100W	18V-120W	18V-140W	18V-150W
battery	3.2V 52AH	3.2V 75AH	3.2V 90AH	3.2V 150AH	12.8V 60AH
Light source voltage	30V	30V	30V	30V	30V
suitable	6-7m	7-8m	8-10m	11m	12m
mlighting Time	12h 3-5 rainy days	12h 3-5 rainy days	12h 3-5 rainy days	12h 3-5 rainy days	12h 3-5 rainy days
warranty	3years	3years	3years	3years	3years

NuoPu Electric Power www.nuoled.net

Product images







Scene application diagram

Suitable for various scenarios such as courtyards, parks, communities, rural roads, urban sidewalks, highways, etc., it can meet the lighting needs of different environments and provide safe and environmentally friendly green lighting support for outdoor activities.









SOLAR STREET LIGHT

110W // 120W // 150W



Advantage:

1. High lumen, brightness increased by 30%
2. MPPT charging increases charging efficiency by 20%
3. Increase the central illumination and expand the coverage of illumination
4. Intelligent power management system, automatic power distribution at night
5. Radar induction(optional selection)

Product parameters



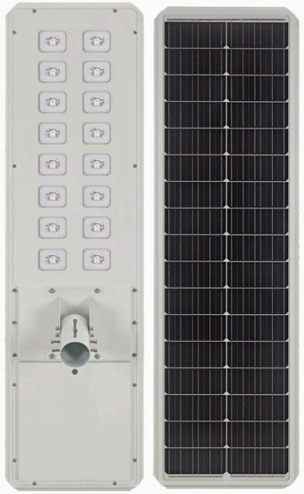
Model	FA-V80-4M	FA-V80-5M	FA-V80-6M
Lamp body sizel	1426x434x58.5mm	1486x434x58.5mm	1671x434x58.5mm
LED source	3030	3030	3030
Single LED	1W	1W	1W
LED source quantity	320pcs	400pcs	480pcs
Luminous efficiency	200lm/W	200lm/W	200lm/W
solar panel	18V-110W	18V-120W	18V-150W
battery	3.2V 90AH	3.2V 150AH	12.8V 60AH
Light source voltage	30V	30V	30V
suitable	6-7m	7-8m	12m
mlighting Time	12h 3-5 rainy days	12h 3-5 rainy days	12h 3-5 rainy days
warranty	3years	3years	3years



Product images







Scene application diagram

Suitable for various scenarios such as courtyards, parks, communities, rural roads, urban sidewalks, highways, etc., it can meet the lighting needs of different environments and provide safe and environmentally friendly green lighting support for outdoor activities.









SOLAR STREET LIGHT

100W // 120W // 150W



Advantage:

1. High lumen, brightness increased by 30%
2. MPPT charging increases charging efficiency by 20%
3. Increase the central illumination and expand the coverage of illumination
4. Intelligent power management system, automatic power distribution at night
5. Radar induction(optional selection)

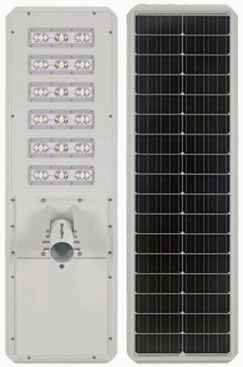
Product parameters



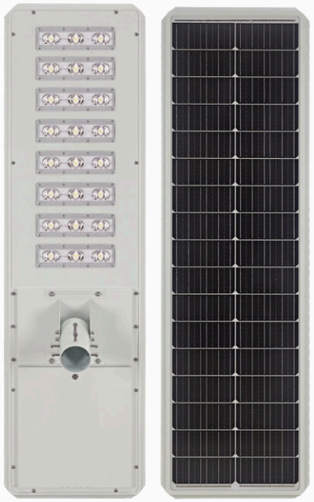
Model	DK-Y20-6M	DK-Y20-7M	DK-Y20-8M
Lamp body sizel	1426x434x58.5mm	1486x434x58.5mm	1671x434x58.5mm
LED source	3030	3030	3030
Single LED	1W	1W	1W
LED source quantity	120pcs	140pcs	160pcs
Luminous efficiency	200lm/W	200lm/W	200lm/W
solar panel	18V-110W	18V-120W	18V-150W
battery	3.2V 90AH	3.2V 150AH	12.8V 60AH
Light source voltage	30V	30V	30V
suitable	6-7m	7-8m	12m
mlighting Time	12h 3-5 rainy days	12h 3-5 rainy days	12h 3-5 rainy days
warranty	3years	3years	3years



Product images







Scene application diagram

Suitable for various scenarios such as courtyards, parks, communities, rural roads, urban sidewalks, highways, etc., it can meet the lighting needs of different environments and provide safe and environmentally friendly green lighting support for outdoor activities.









SOLAR STREET LIGHT

100W // 120W // 150W



Advantage:

1. High lumen, brightness increased by 30%
2. MPPT charging increases charging efficiency by 20%
3. Increase the central illumination and expand the coverage of illumination
4. Intelligent power management system, automatic power distribution at night
5. Radar induction(optional selection)

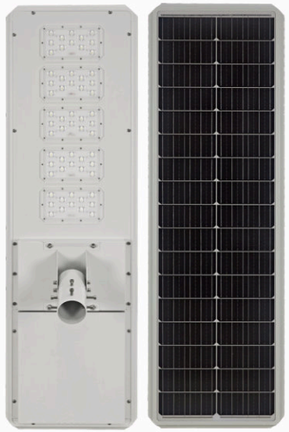
Product parameters

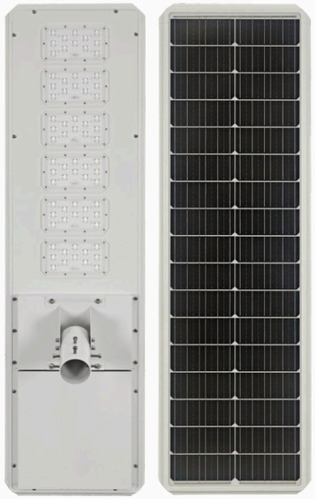
Model	DK-S45-6M	DK-S45-7M	DK-S45-8M
Lamp body sizel	1426x434x58.5mm	1486x434x58.5mm	1671x434x58.5mm
LED source	3030	3030	3030
Single LED	1W	1W	1W
LED source quantity	270pcs	315pcs	360pcs
Luminous efficiency	200lm/W	200lm/W	200lm/W
solar panel	18V-110W	18V-120W	18V-150W
battery	3.2V 90AH	3.2V 150AH	12.8V 60AH
Light source voltage	30V	30V	30V
suitable	6-7m	7-8m	12m
mlighting Time	12h 3-5 rainy days	12h 3-5 rainy days	12h 3-5 rainy days
warranty	3years	3years	3years

NuoPu Electric Power
www.cnled.net

Product images







Scene application diagram

Suitable for various scenarios such as courtyards, parks, communities, rural roads, urban sidewalks, highways, etc., it can meet the lighting needs of different environments and provide safe and environmentally friendly green lighting support for outdoor activities.









SOLAR STREET LIGHT

100W // 120W // 150W



Advantage:

1. High lumen, brightness increased by 30%
2. MPPT charging increases charging efficiency by 20%
3. Increase the central illumination and expand the coverage of illumination
4. Intelligent power management system, automatic power distribution at night
5. Radar induction(optional selection)

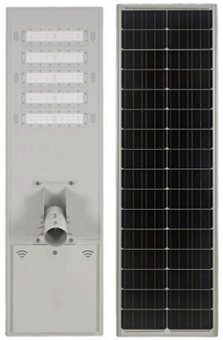
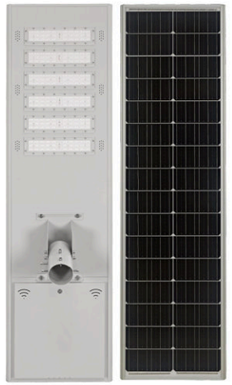
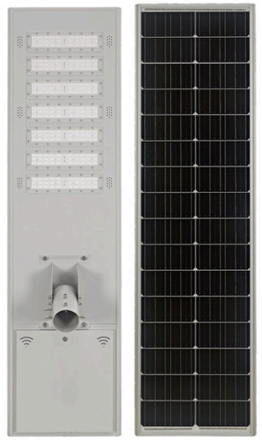
Product parameters



Model	DK-K45-4M	DK-K45-5M	DK-K45-6M
Lamp body sizel	1426x434x58.5mm	1486x434x58.5mm	1671x434x58.5mm
LED source	3030	3030	3030
Single LED	1W	1W	1W
LED source quantity	180pcs	225pcs	270pcs
Luminous efficiency	200lm/W	200lm/W	200lm/W
solar panel	18V-110W	18V-120W	18V-150W
battery	3.2V 90AH	3.2V 150AH	12.8V 60AH
Light source voltage	30V	30V	30V
suitable	6-7m	7-8m	12m
mlighting Time	12h 3-5 rainy days	12h 3-5 rainy days	12h 3-5 rainy days
warranty	3years	3years	3years

NuoPu Electric Power
www.cnled.net

Product images

Scene application diagram

Suitable for various scenarios such as courtyards, parks, communities, rural roads, urban sidewalks, highways, etc., it can meet the lighting needs of different environments and provide safe and environmentally friendly green lighting support for outdoor activities.






SOLAR STREET LIGHT

80W // 100W // 120W // 140W



Advantage:

1. High lumen, brightness increased by 30%
2. MPPT charging increases charging efficiency by 20%
3. Increase the central illumination and expand the coverage of illumination
4. Intelligent power management system, automatic power distribution at night
5. Radar induction(optional selection)

Product parameters

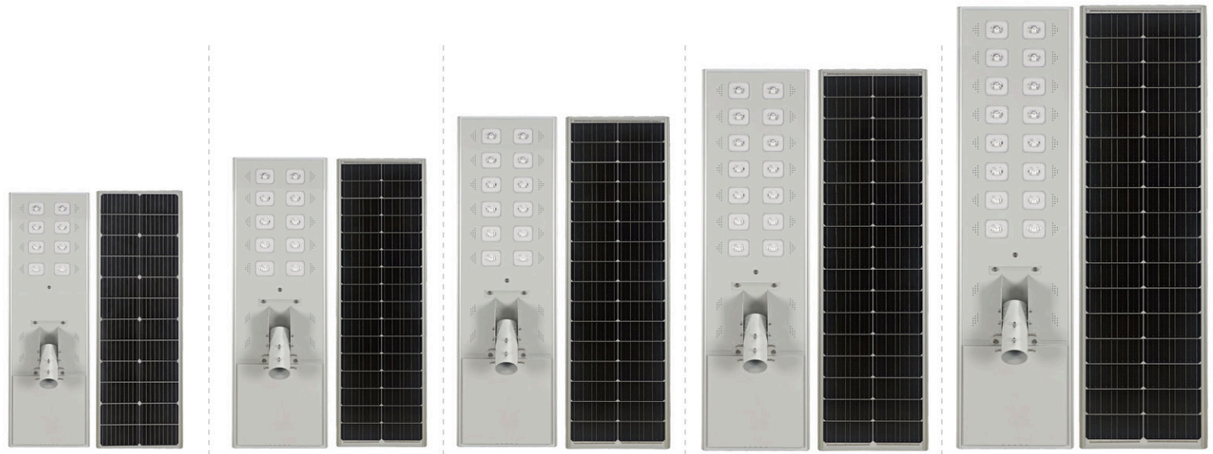


Mode	DY-A50-4M	DY-A50-5M	DY-A50-6M	DY-A50-7M
Lamp body sizel	1184x430x50mm	1464x430x50mm	1524x430x50mm	1709x430x50mm
LED source	3030	3030	3030	3030
Single LED	1W	1W	1W	1W
LED source quantity	120pcs	150pcs	180pcs	210pcs
Luminous efficiency	200lm/W	200lm/W	200lm/W	200lm/W
solar panel	18V-80W	18V-100W	18V-120W	18V-140W
battery	3.2V 52AH	3.2V 75AH	3.2V 90AH	3.2V 150AH
Light source voltage	30V	30V	30V	30V
suitable	6-7m	7-8m	8-10m	11m
mlighting Time	12h 3-5 rainy days	12h 3-5 rainy days	12h 3-5 rainy days	12h 3-5 rainy days
warranty	3years	3years	3years	3years



NuoPu Electric Power
www.cnled.net

Product images



Scene application diagram

Suitable for various scenarios such as courtyards, parks, communities, rural roads, urban sidewalks, highways, etc., it can meet the lighting needs of different environments and provide safe and environmentally friendly green lighting support for outdoor activities.



SOLAR STREET LIGHT

80W // 100W // 120W // 140W // 150W



Advantage:

1. High lumen, brightness increased by 30%
2. MPPT charging increases charging efficiency by 20%
3. Increase the central illumination and expand the coverage of illumination
4. Intelligent power management system, automatic power distribution at night
5. Radar induction(optional selection)

Product parameters

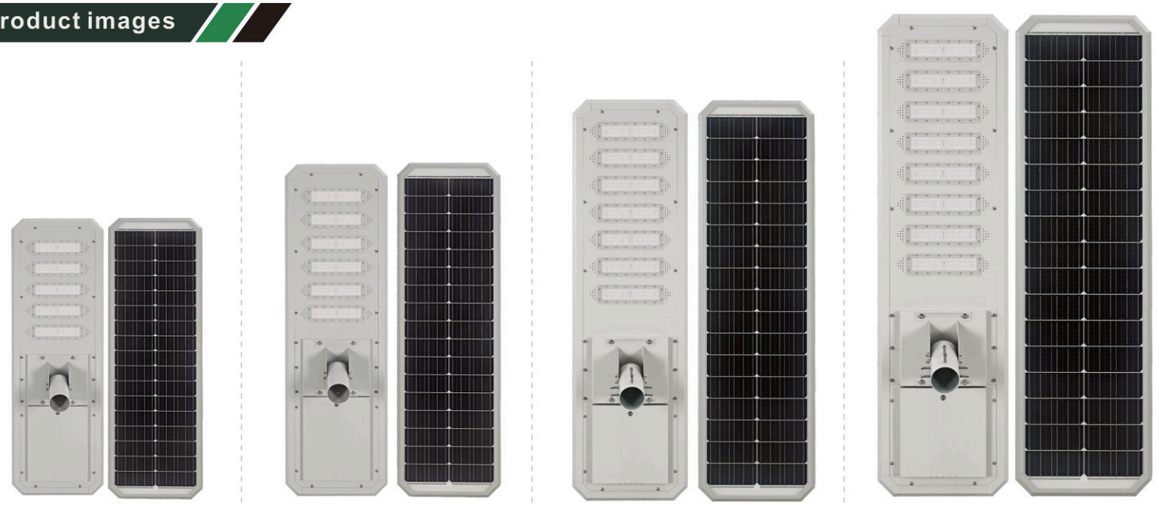


Mode	DY-Y20-4M	DY-Y20-5M	DY-Y20-6M	DY-Y20-7M	DY-Y20-8M
Lamp body sizel	1184x411x47mm	1263x411x47mm	1380x411x47mm	1440x411x47mm	2104x411x47mm
LED source	3030	3030	3030	3030	3030
Single LED	1W	1W	1W	1W	1W
LED source quantity	80pcs	100pcs	120pcs	140pcs	160pcs
Luminous efficiency	200lm/W	200lm/W	200lm/W	200lm/W	200lm/W
solar panel	18V-80W	18V-100W	18V-120W	18V-140W	18V-150W
battery	3.2V 52AH	3.2V 75AH	3.2V 90AH	3.2V 150AH	12.8V 60AH
Light source voltage	30V	30V	30V	30V	30V
suitable	6-7m	7-8m	8-10m	11m	12m
mlighting Time	12h 3-5 rainy days	12h 3-5 rainy days	12h 3-5 rainy days	12h 3-5 rainy days	12h 3-5 rainy days
warranty	3years	3years	3years	3years	3years



NuoPu Electric Power
www.cnled.net

Product images



Scene application diagram

Suitable for various scenarios such as courtyards, parks, communities, rural roads, urban sidewalks, highways, etc., it can meet the lighting needs of different environments and provide safe and environmentally friendly green lighting support for outdoor activities.



SOLAR STREET LIGHT

80W // 100W // 120W // 140W



Advantage:

1. High lumen, brightness increased by 30%
2. MPPT charging increases charging efficiency by 20%
3. Increase the central illumination and expand the coverage of illumination
4. Intelligent power management system, automatic power distribution at night
5. Radar induction(optional selection)

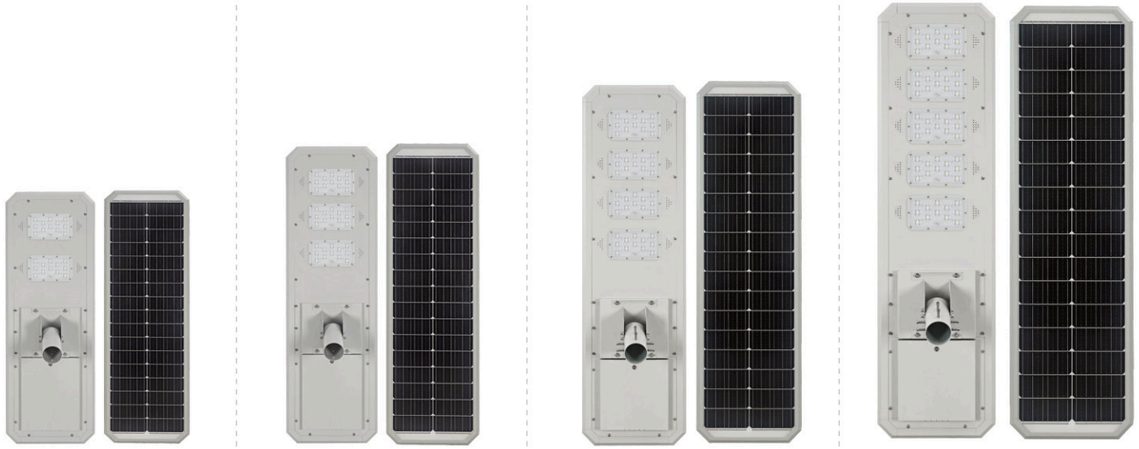
Product parameters



Mode	DB-A50-5M	DB-A50-6M	DB-A50-7M	DB-A50-8M
Lamp body sizel	1127x432x72mm	1427x432x72mm	1477x432x72mm	1672x432x72mm
LED source	3030	3030	3030	3030
Single LED	1W	1W	1W	1W
LED source quantity	150pcs	180pcs	210pcs	240pcs
Luminous efficiency	200lm/W	200lm/W	200lm/W	200lm/W
solar panel	18V-80W	18V-100W	18V-120W	18V-140W
battery	3.2V 52AH	3.2V 75AH	3.2V 90AH	3.2V 150AH
Light source voltage	30V	30V	30V	30V
suitable	6-7m	7-8m	8-10m	11m
mlighting Time	12h 3-5 rainy days	12h 3-5 rainy days	12h 3-5 rainy days	12h 3-5 rainy days
warranty	3years	3years	3years	3years

NuoPu Electric Power
RoHS
www.cnled.net

Product images



Scene application diagram

Suitable for various scenarios such as courtyards, parks, communities, rural roads, urban sidewalks, highways, etc., it can meet the lighting needs of different environments and provide safe and environmentally friendly green lighting support for outdoor activities.









SOLAR STREET LIGHT

80W // 100W // 120W // 140W



Advantage:

1. High lumen, brightness increased by 30%
2. MPPT charging increases charging efficiency by 20%
3. Increase the central illumination and expand the coverage of illumination
4. Intelligent power management system, automatic power distribution at night
5. Radar induction(optional selection)

Product parameters

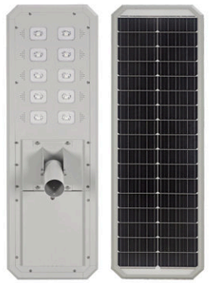
IP65 Time Switch Optical Control Solar Energy

Mode	DB-K45-2M	DB-K45-3M	DB-K45-4M	DB-K45-5M
Lamp body sizel	1127x432x72mm	1427x432x72mm	1477x432x72mm	1672x432x72mm
LED source	3030	3030	3030	3030
Single LED	1W	1W	1W	1W
LED source quantity	90pcs	135pcs	180pcs	225pcs
Luminous efficiency	200lm/W	200lm/W	200lm/W	200lm/W
solar panel	18V-80W	18V-100W	18V-120W	18V-140W
battery	3.2V 52AH	3.2V 75AH	3.2V 90AH	3.2V 150AH
Light source voltage	30V	30V	30V	30V
suitable	6-7m	7-8m	8-10m	11m
mlighting Time	12h 3-5 rainy days	12h 3-5 rainy days	12h 3-5 rainy days	12h 3-5 rainy days
warranty	3years	3years	3years	3years

RoHS

NuoPu Electric Power www.cnled.net

Product images






Scene application diagram

Suitable for various scenarios such as courtyards, parks, communities, rural roads, urban sidewalks, highways, etc., it can meet the lighting needs of different environments and provide safe and environmentally friendly green lighting support for outdoor activities.






SOLAR STREET LIGHT

80W // 100W // 120W // 140W



Advantage:

1. High lumen, brightness increased by 30%
2. MPPT charging increases charging efficiency by 20%
3. Increase the central illumination and expand the coverage of illumination
4. Intelligent power management system, automatic power distribution at night
5. Radar induction(optional selection)

Product parameters



Mode	DB-Y20-5M	DB-Y20-6M	DB-Y20-7M	DB-Y20-8M
Lamp body sizel	1127x432x72mm	1427x432x72mm	1477x432x72mm	1672x432x72mm
LED source	3030	3030	3030	3030
Single LED	1W	1W	1W	1W
LED source quantity	100pcs	120pcs	140pcs	160pcs
Luminous efficiency	200lm/W	200lm/W	200lm/W	200lm/W
solar panel	18V-80W	18V-100W	18V-120W	18V-140W
battery	3.2V 52AH	3.2V 75AH	3.2V 90AH	3.2V 150AH
Light source voltage	30V	30V	30V	30V
suitable	6-7m	7-8m	8-10m	11m
mlighting Time	12h 3-5 rainy days	12h 3-5 rainy days	12h 3-5 rainy days	12h 3-5 rainy days
warranty	3years	3years	3years	3years



NuoPu Electric Power
www.cnled.net

Product images





Scene application diagram

Suitable for various scenarios such as courtyards, parks, communities, rural roads, urban sidewalks, highways, etc., it can meet the lighting needs of different environments and provide safe and environmentally friendly green lighting support for outdoor activities.









SOLAR STREET LIGHT



300W // 500W

Advantage:

1. High lumen, brightness increased by 30%
2. MPPT charging increases charging efficiency by 20%
3. Increase the central illumination and expand the coverage of illumination
4. Intelligent power management system, automatic power distribution at night
5. Radar induction(optional selection)

Product parameters

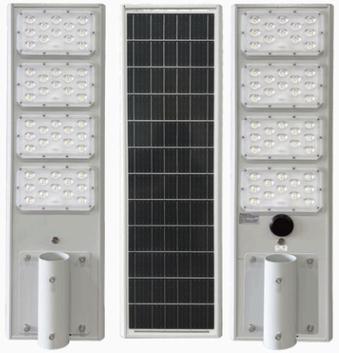


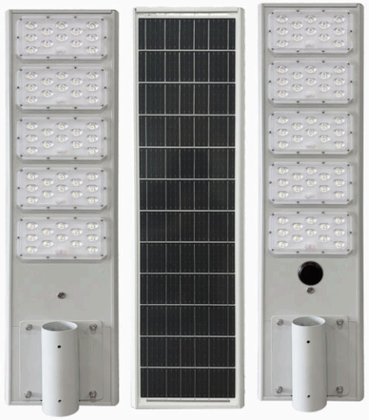
Mode	FD1-300W	FD1-500W
Lamp body sizel	1032x253x88mm/1032x253x314mm (with cctv)	1212x253x88mm/1212x253x314mm (with cctv)
LED source	3030	3030
LED source quantity	90pcs	120pcs
Luminous flux	5000lm	6000lm
solar panel	6V-40W	6V-50W
battery	3.2V 30AH	3.2V 45AH
Waterproof grade	IP65	IP65
suitable	3-4m	4-6m
mlighting Time	12h 3-5 rainy days	12h 3-5 rainy days
warranty	3years	3years

NuoPu Electric Power
www.cnled.net

Product images







Scene application diagram

Suitable for various scenarios such as courtyards, parks, communities, rural roads, urban sidewalks, highways, etc., it can meet the lighting needs of different environments and provide safe and environmentally friendly green lighting support for outdoor activities.









SOLAR STREET LIGHT

60W // 80W // 100W



Advantage:

1. High lumen, brightness increased by 30%
2. MPPT charging increases charging efficiency by 20%
3. Increase the central illumination and expand the coverage of illumination
4. Intelligent power management system, automatic power distribution at night
5. Radar induction(optional selection)

Product parameters



Model	XDY-3M	XDY-4M	XDY-5M
Lamp body sizel	691x255x50mm	901x255x50mm	1105x255x50mm
LED source	3030	3030	3030
Single LED	1W	1W	1W
LED source quantity	135pcs	180pcs	225pcs
Luminous efficiency	210lm/W	210lm/W	210lm/W
solar panel	6V-30W	6V-40W	6V-50W
battery	3.2V 30AH	3.2V 45AH	3.2V 60AH
Light source voltage	30V	30V	30V
suitable	4-6m	5-6m	6-7m
mlighting Time	12h 3-5 rainy days	12h 3-5 rainy days	12h 3-5 rainy days
warranty	3years	3years	3years

NuoPu Electric Power
www.cnled.net

HuaPu Electric Power
https://www.3-led.com

CONTACT US

All-in-One Solar Street Light · OEM & Co-Development Partner

COMPANY

Shenzhen Huapu Power Electric Co., Ltd.

National High-Tech Enterprise · 13+ Years Manufacturing

FACTORY

Dongmu Road, Jianghai District, Jiangmen, Guangdong, China

Manufacturing Base · 15,000 m² · 150,000 units / month

EMAIL

admin@3-led.net

Response within 24 hours · OEM / ODM enquiries welcome

WHATSAPP

+86-13928421373

Available Mon-Sat · Quick response guaranteed

WEBSITE

www.3-led.net

Solar Street Light · Energy Storage · Inverter Solutions · Smart Controllers

HOW TO START - 3 SIMPLE STEPS

01 Send Inquiry

Share your requirements - product type, quantity, target market and any customization needs.

02 Get Proposal

We reply within 24 hours with a tailored quote, spec sheet and sample arrangement.

03 Start Production

Small batch in 10 days · Bulk orders in 30 days · 150,000 units/month capacity.

© 2026 HP POWER · Shenzhen Huapu Power Electric Co., Ltd. · www.3-led.net