



公司简介 COMPANY PROFILE

我们公司位于厦门火炬高新技术开发区,是一家专业致力于能源技术的研究、生产、销售的现代化企业。

我们开发的产品涉及新能源应用的多个领域,目前已成功开发了太阳能电池组件、太阳能并网逆变器、太阳能路灯等系列产品,并拥有丰富的太阳能光伏发电系统设计和施工经验。

我们的能源技术(西部)产业基地位于四川省乐山市高新区,占地2350亩,总建筑面积130多万平方米,总投资30亿元人民币,员工规模在8000人左右,预计年产值80亿元左右。

我们的使命是“致力于新能源科技,创造人类美好生活”。公司发展的理念是突出人与环境和谐发展,建立以人为本的企业经营哲学,充分利用科技创新,不断提升公司的核心竞争能力,为人类未来更美好生活而努力奋斗。

Our society is located in the Torch Hi-Tech Industrial Development Zone, which is a modern enterprise specializing in energy field: including technology research, manufacturing and selling.

Our products are widely used in fields of new energy application. Currently succeed in developing series of solar products, such as solar modules, solar street light, solar inverter etc. and with the abundant experience of designing and installation for solar PV power system.

We define “committee to the new energy technology, create a better life of mankind” as our commission, the desire of our company is the harmonious development among the people, environment and society. We have set up the enterprise management philosophy of human-oriented, fully take the advantage of scientific and technological innovation, improve the company s core competitiveness constantly, we will contribute to the best life for the whole mankind.

Our base of Leshan which covers an area of 2350 mu, with total construction area of more than 130 million square meters and total investment of 30 billion yuan



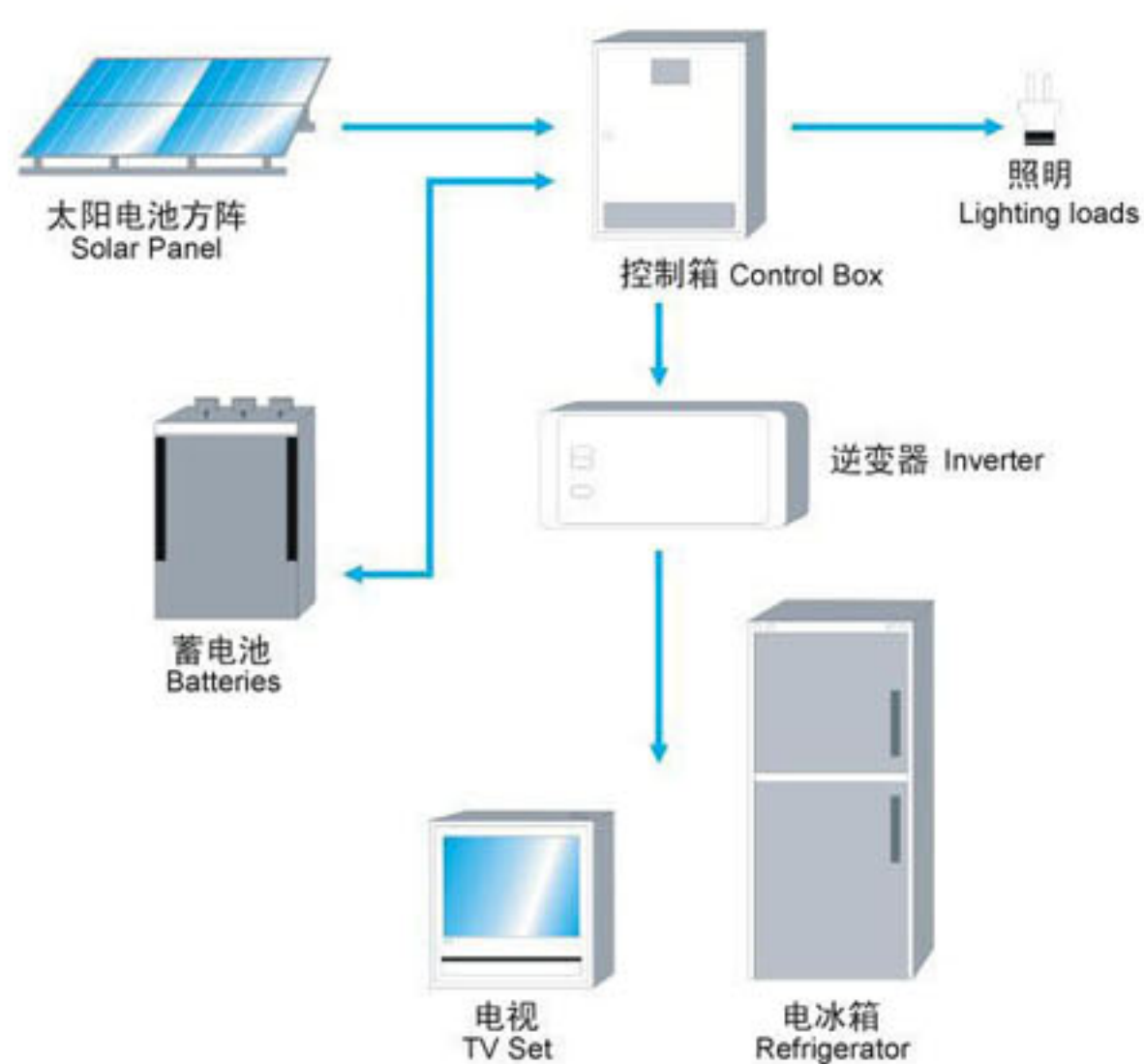
太阳能应用实例 Solar Applications



太阳能居民生活用电系统 | Solar system for Residents living

该系统用于城市居民屋顶太阳能光伏发电，创造环保、生态的住宅环境。

The system is applied on the house roofs and used to supply electricity to residents, creates environmental and ecological residential environment.



系统装置	说明	Device of System	Specification
太阳电池方阵	3KW	Solar Panel	3KW
控制箱	可预防过充 可预防过放	Control Box	can controll over charge and over discharge
逆变器	5KW	Inverter	5KW
蓄电池	1000Ah / 48V	Batteries	1000Ah / 48V
负载：节能灯、电视机、卫星 信号接收机、风扇		Loads: Energy-saving lamps, TV Set, Satellite Signal Receiver, Fan	

图1
PIC1

图2
PIC2

图3
PIC3

图4
PIC4

图1：太阳能居民生活用电系统

Solar system for residents living
Light inlet solar system

图2：透光型太阳能组件工程

图3：太阳能居民生活用电系统

Solar system for residents living
Solar system for residents living

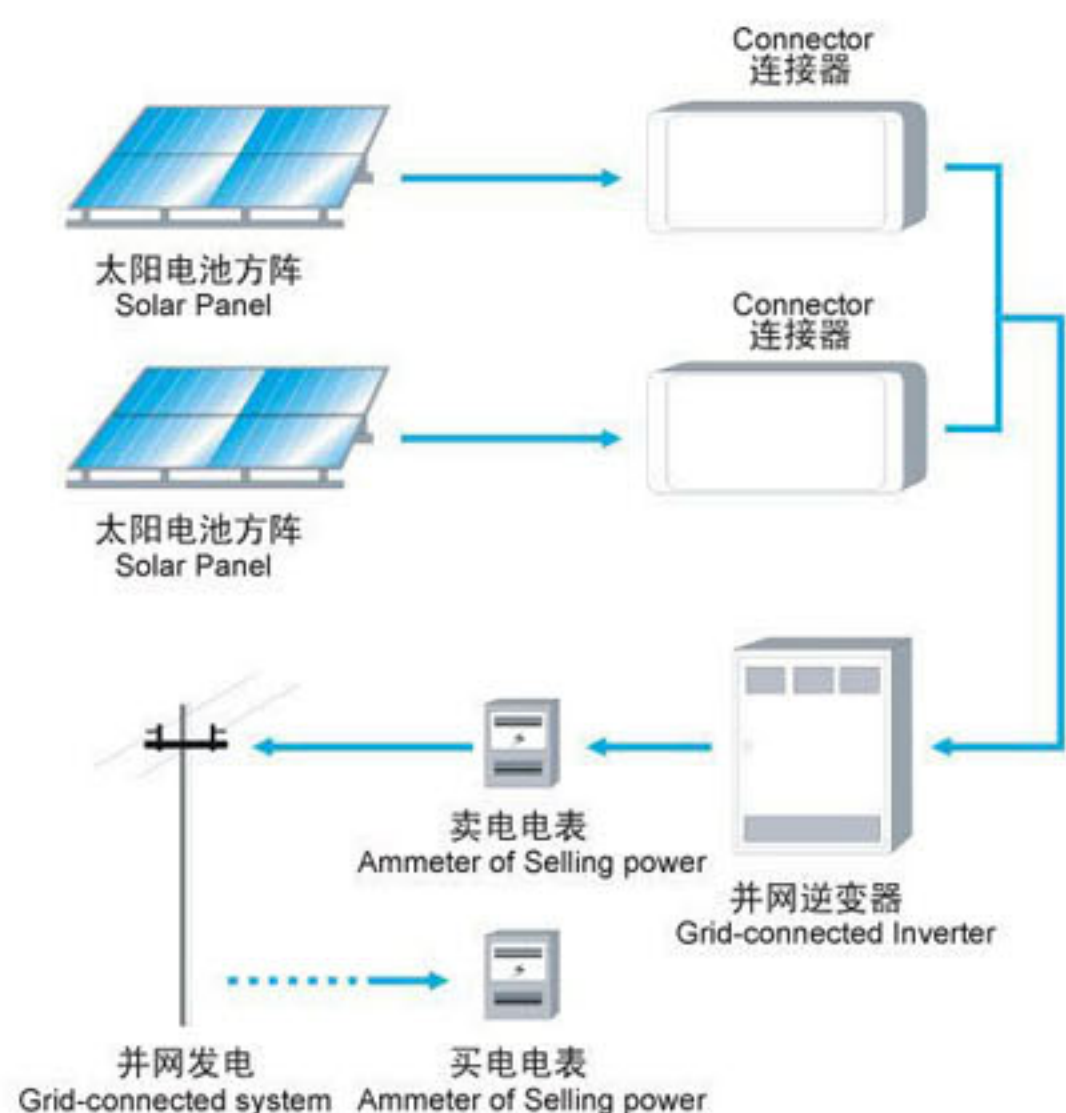
图4：太阳能居民生活用电系统



太阳能应用实例 Solar Applications

屋顶太阳能光伏并网发电系统 | Rooftop solar grid-connected system

该系统无需储能装置，白天太阳能组件发出电后通过并网逆变器直接输送到电网中。政府通过对光伏发电的价格扶持，倡导环保绿色能源。
This system does not have to possess storing equipment. In the daytime the solar panel transport electricity to common electric net by inverter. The government support the price of solar power supply and sparkplug green energy.



系统装置	说明	Device of System	Specification
太阳电池方阵	2KW	Solar Panel	2KW
并网逆变器	分组控制	Grid-connected Inverter	Grouping Control

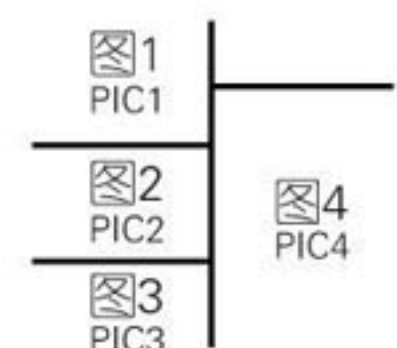


图1：太阳能供水系统

图2：公园照明太阳能集中供电系统

图3：公园照明太阳能集中供电系统

图4：屋顶太阳能光伏并网发电系统

Solar power system for park lighting

Solar power system for park lighting

Solar power system for park lighting

Rooftop solar photovoltaic grid-connected system

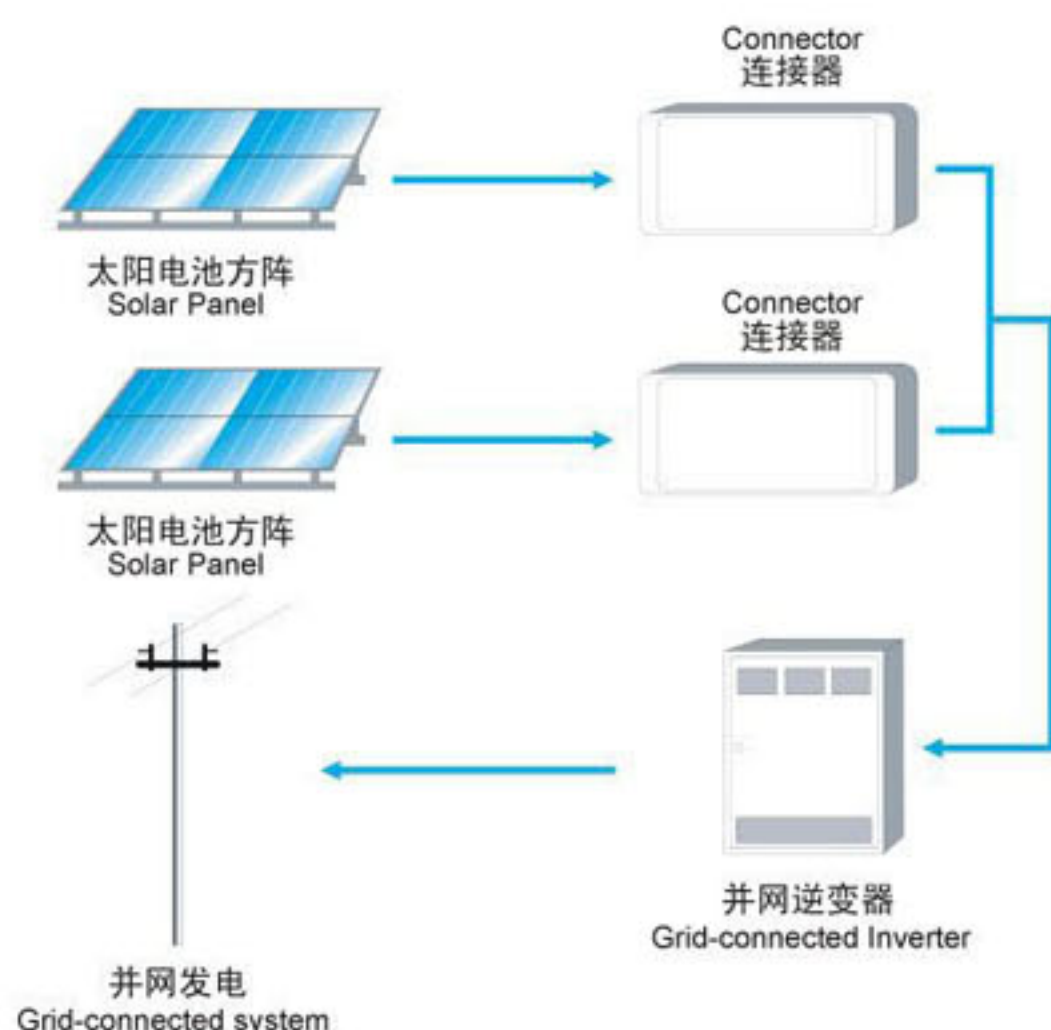
太阳能应用实例 Solar Applications



大型太阳能光伏并网发电站 | Large-scale Solar grid-connected power station

该种光伏电站无需蓄电池蓄能，政府通过对太阳能光伏发电收购价格的扶持，倡导环保绿色电力。

This solar power station does not need battery storage, the Government through purchasing the solar photovoltaic power and supplying the price support, promote environmental protection green power.



系统装置	说明
太阳电池方阵	100KW
并网逆变器	分组控制

Device of System	Specification
Solar Panel	100KW
Grid-connected Inverter	Grouping Control

图1
PIC1

图2
PIC2

图3
PIC3

图4
PIC4

图1：偏远农村供电系统

图2：太阳能动力船

图3：太阳能路灯照明系统

图4：大型太阳能光伏并网发电站

Solar system for distant village

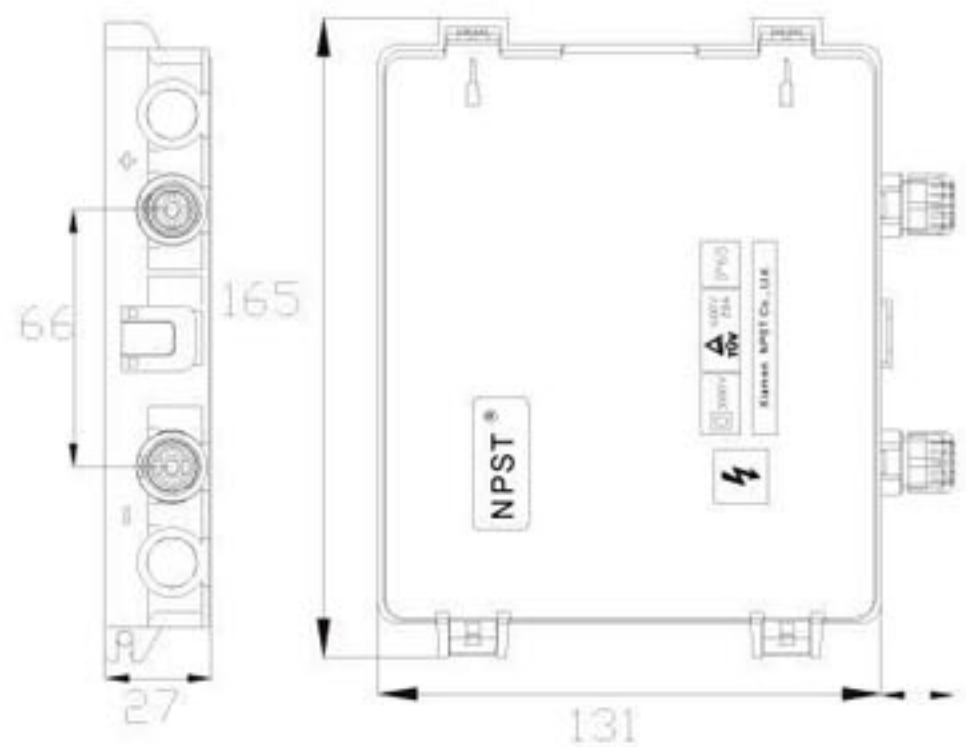
Solar powered boat

Solar street light

Large-scale solar grid-connected power station



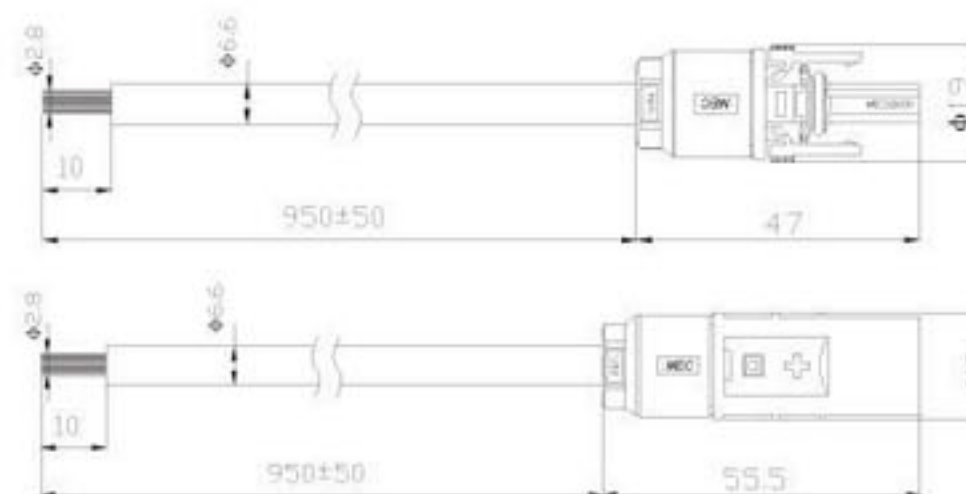
太阳能接线盒 MEC 320200/MEC 320230



技术参数 Technical Specifications

Item项目	Specifications参数
Withstanding Voltage工作电压	1000VDC
Working Current工作电流	20 ~ 30A
Safety Class防护等级	Class II
Connecting Resistance连接电阻	< 5mΩ
Major Materials主要材料	1. Outdoor engineering plastic (GE Norgl*MPPO) 户外工程塑料 (通用PPO) 2. Tin-plated copper 铜锌合金表面镀锡
Max. External Dimension接线盒外形最大尺寸	165mm*131mm*27mm
Operating Temperature 温度范围	-40°C ~ +130°C
Protection Class防护等级	IP65
Welding Width焊带宽度	5mm
Size of Cable电缆尺寸	4mm ²
Ultraviolet resistance抗紫外线	Ok
Certificate 论证证书	TUV

MEC 320200

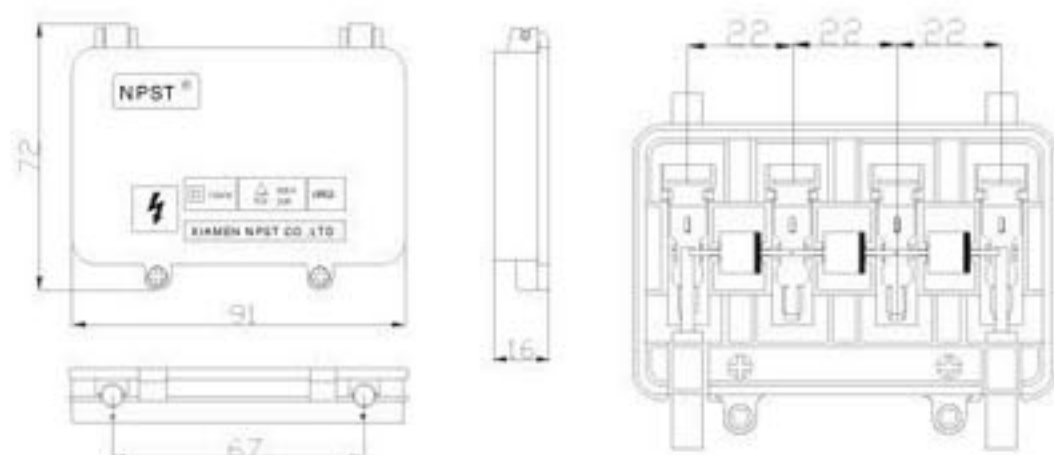
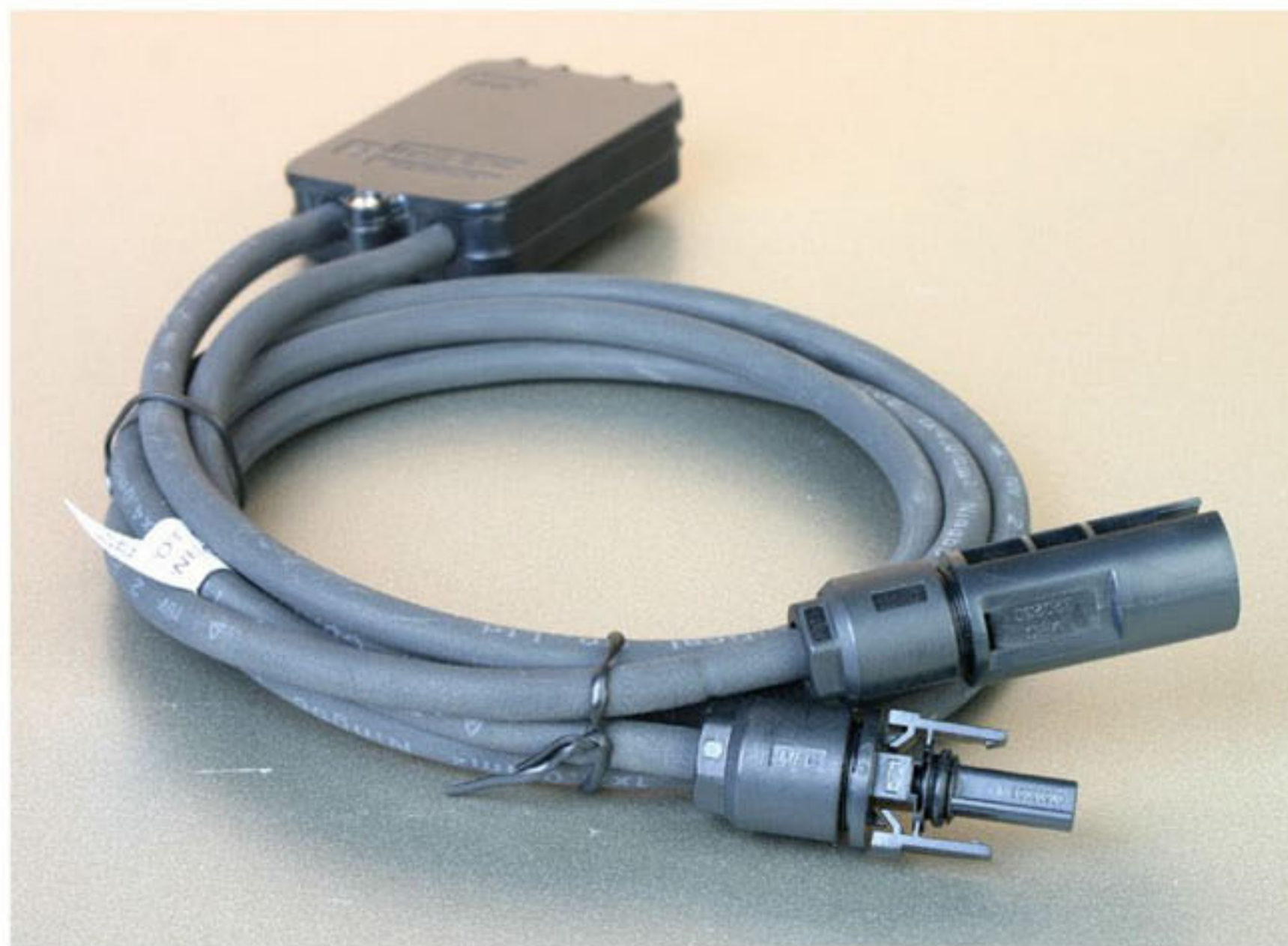


技术参数 Technical Specifications

Item项目	Specifications参数
Withstanding Voltage工作电压	1000V DC
Working Current工作电流	20A
Safety Class防护等级	Class II
Connecting Resistance连接电阻	< 5mΩ
External Dimension外部尺寸	φ19*80mm
Operating Temperature 温度范围	-40°C ~ +130°C
Protection Class 防护等级	IP65
Size of Cable 电缆尺寸	4mm ²
Times of Mating 插接次数	> 100
Ultraviolet resistance 抗紫外线	Ok
Certificate 论证证书	TUV

MEC 320230

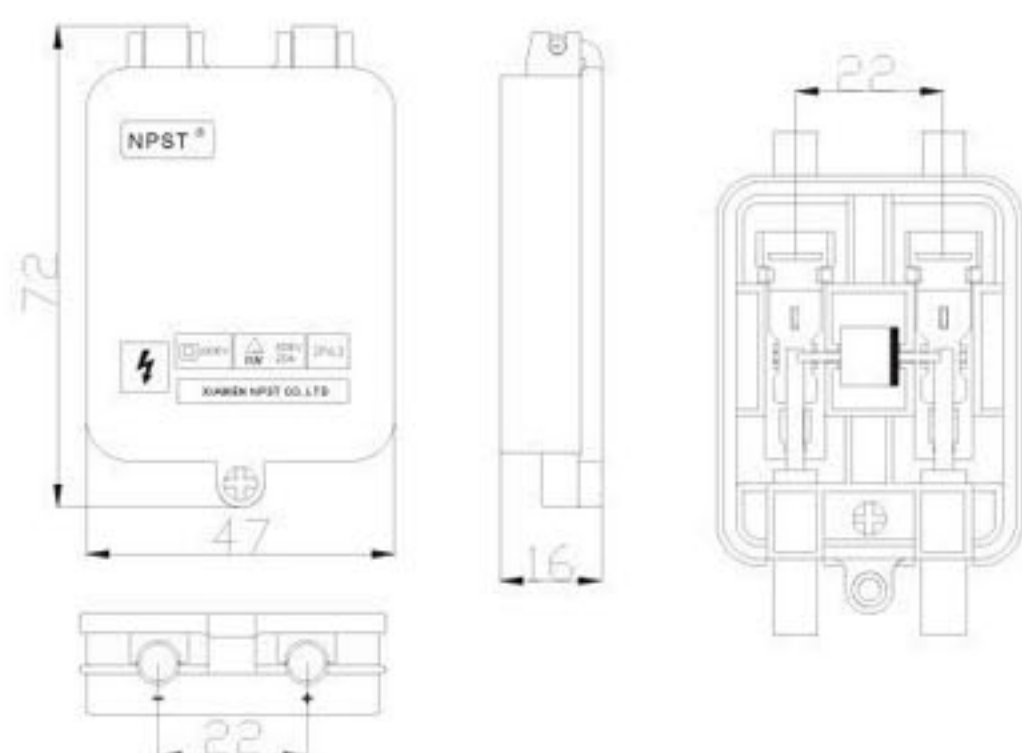
太阳能接线盒 MEC 320400/MEC 320500



技术参数 Technical Specifications

Item项目	Specifications参数
Withstanding Voltage工作电压	1000VDC
Working Current工作电流	20A
Safety Class防护等级	Class II
Connecting Resistance连接电阻	< 5mΩ
Major Materials主要材料	1.Outdoor engineering plastic (GE Norgl*MPPO) 户外工程塑料 (通用PPO) 2.Tin-plated copper铜锌合金表面镀锡
Max. External Dimension接线盒外形最大尺寸	91mm*72mm*16mm
Operating Temperature 温度范围	-40°C ~ +130°C
Protection Class防护等级	IP63
Welding Width焊带宽度	5mm
Size of Cable电缆尺寸	4mm ²
Ultraviolet resistance抗紫外线	Ok
Certificate 论证证书	TUV

MEC 320400



技术参数 Technical Specifications

Item项目	Specifications参数
Withstanding Voltage工作电压	1000VDC
Working Current工作电流	20A
Safety Class防护等级	Class II
Connecting Resistance连接电阻	< 5mΩ
Major Materials主要材料	1.Outdoor engineering plastic (GE Norgl*MPPO) 户外工程塑料 (通用PPO) 2.Tin-plated copper铜锌合金表面镀锡
Max. External Dimension接线盒外形最大尺寸	47mm*72mm*16mm
Operating Temperature 温度范围	-40°C ~ +130°C
Protection Class防护等级	IP63
Welding Width焊带宽度	5mm
Size of Cable电缆尺寸	4mm ²
Ultraviolet resistance抗紫外线	Ok 可以
Certificate 论证证书	TUV

MEC 320500



太阳能草坪灯 Solar Lawn Lamp



NPST-CD010



NPST-CD011



NPST-CD012



NPST-CD001



NPST-CD002



NPST-CD003



NPST-CD004



NPST-CD005



NPST-CD006



NPST-CD007



NPST-CD008



NPST-CD009



Feature

Solar panel: high efficiency mono-crystalline or polycrystalline silicon solar panel.
Automatic on and off switch by light sensor control.
No main power or wiring required, easy to install.
Applications: for illuminating and decorating parks, gardens, footpaths and roadways.

特点

太阳能板: 高效的多晶或单晶硅太阳能电池板;
由光敏器件控制开启和吧、关闭;
无须配电和线缆, 安装简单、容易;
应用: 适用于花园、停车场、足球场、步行街等场所的照明或装饰。

技术参数

Technical Specifications

Material: brushed stainless steel	材料: 不锈钢材料
Working time: up to 8 hours	工作时间: 不低于8h
Solar panel: mono-crystalline or polycrystalline silicon	太阳能板: 多晶或单晶硅电池板
Light source: 1 high brightness LED	光源: 1个高亮 LED灯
Storage battery: rechargeable Ni-Cd/ Ni-Mh battery, 1.2V/600mAh	蓄电池: 可充电 Ni-Cd或Ni-Mh电池, 1.2V/600mAh
Light color: white, green, yellow, blue, red (optional)	灯光颜色: 白、绿、黄、蓝、红等可选
Color box size: 13.5*11.5*10cm	包装盒尺寸: 13.5*11.5*10cm
Outer carton size: 56*13*63cm	外箱尺寸: 56*13*63cm
Quantity/Carton: 12 sets/ctn	数量/每箱: 12套/每箱

太阳能交通灯 **Solar Traffic Signal Light**



NPST-JT005

NPST-JT008

NPST-JT012



Feature

Solar powered, energy-saving and eco-friendly, easy to install and free-maintenance
 Suitable for traffic signal, countdown tracking indicator and separate road indicator
 Core of signal and traffic controller are available
 Water, dust, UV resistant

特点

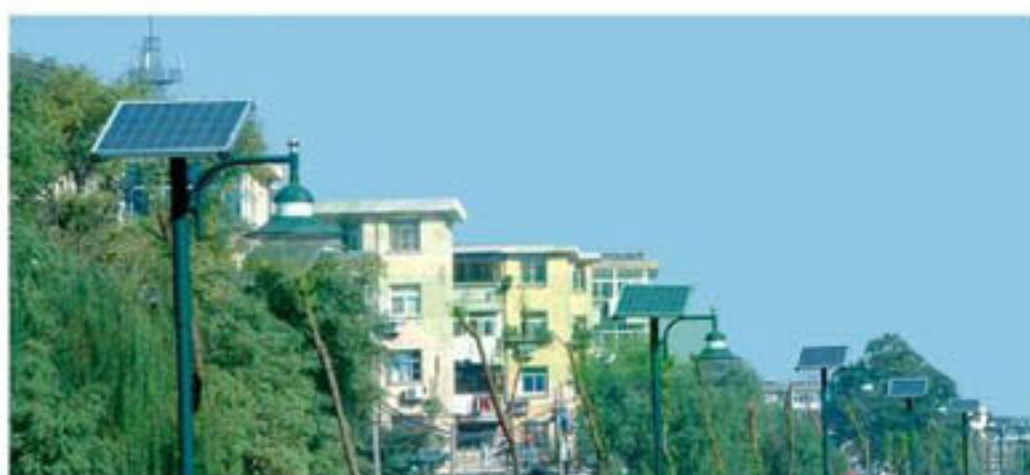
该交通灯系太阳能供电、节能、生态良好，易于安装和免维修；
 适用于交通信号，倒计时跟踪指标和独立的道路指标；
 可提供信号核心和交通控制器；
 防水、防灰尘、抗紫外线。

技术参数

Technical Specifications

solar panel: 12W
 battery: 12V/7AH * 2pcs
 light source: ultra-bright LED, 180pcs, red & blue
 visible distance: >1000m
 flash frequency: blink, randomly
 ambient temperature: -20℃~70℃
 working time: 260h
 housing material: aluminum
 Dimension: 680X180X130mm

NPST-JT005 / NPST-JT008 / NPST-JT012



太阳能庭院灯 Solar Garden Lamp



Feature

Solar panel: high efficiency mono-crystalline or polycrystalline silicon solar panel.
Automatic on and off switch by light sensor control.
No main power or wiring required, easy to install, very useful where the grid is missing.
Non dangerous system: it functions at 12volts, therefore no risk of electric shock for high voltages, short circuit, electric discharge, etc.
Applications: for illuminating and decorating park, street, outdoor court and road.

特点

太阳能板: 高效的多晶或单晶硅太阳能电池板;
光控和时控, 自动控制开启和关闭;
无须配电与输电线缆;
安全性好: 系统使用12V电压, 故无高压电击、线缆短路等电气危险;
适用花园、步行道路、学校、乡村道路等地方的照明。

技术参数

Technical Specifications

Pole: hot-galvanized stainless steel	灯杆: 热镀锌不锈钢材, 表面喷塑
Solar panel: mono-crystalline or polycrystalline silicon, 12-50W	太阳能板: 多晶或单晶硅太阳能板 12-50W
Light source: energy-saving / LED lamp, 3-12W / 12V	光源: 高效节能 LED灯, 3-12W / 12V
Storage battery: maintenance-free lead-acid gel battery, 10-85 Ah	蓄电池: 免维护铅酸蓄电池 10-85 Ah
Controller: 12V/10A	控制器: 12V/10A
Working time: 8 hours/day, and last for 3-7 consecutive rainy days	工作时间: 8小时/天 连续阴雨天数3-7天
Height: 3-3.5m	高度: 3-3.5m

规格型号	A(连续3个阴雨天) A (last for 3 consecutive overcast and rainy days)	B(连续7个阴雨天) B (last for 7 consecutive overcast and rainy days)
3W	- 灯杆: 热镀锌不锈钢材, 表面喷塑 - 太阳能板: 多晶或单晶硅太阳能板12W - 光源: 高效节能 LED灯, 12V/3W - 蓄电池: 免维护铅酸蓄电池10Ah - 控制器: 12V/10A - 工作时间: 8小时/天 - 高度: 3--3.5m - Light Pole: hot-galvanized stainless steel, with ejecting plastic - Solar Panel: mono or polycrystalline silicon, 12W - Light Source: high efficiency and energy-saving LED lamp, 12V/3W - Battery: maintenance-free lead acid battery, 10Ah - Controller: 12V/10A - Working Time: 8 hours/day - Pole Height: 3--3.5m	- 灯杆: 热镀锌不锈钢材, 表面喷塑 - 太阳能板: 多晶或单晶硅太阳能板14W - 光源: 高效节能 LED灯, 12V/ 3W - 蓄电池: 免维护铅酸蓄电池20Ah - 控制器: 12V/10A - 工作时间: 8小时/天 - 高度: 3--3.5m - Light Pole: hot-galvanized stainless steel, with ejecting plastic - Solar Panel: mono or polycrystalline silicon, 14W - Light Source: high efficiency and energy-saving LED lamp, 12V/3W - Battery: maintenance-free lead acid battery, 20Ah - Controller: 12V/10A - Working Time: 8 hours/day - Pole Height: 3--3.5m
3W*2	- 灯杆: 热镀锌不锈钢材, 表面喷塑 - 太阳能板: 多晶或单晶硅太阳能板24W - 光源: 高效节能 LED灯, 12V/3W*2 - 蓄电池: 免维护铅酸蓄电池20Ah - 控制器: 12V/10A - 工作时间: 8小时/天 - 高度: 3--3.5m - Light Pole: hot-galvanized stainless steel, with ejecting plastic - Solar Panel: mono or polycrystalline silicon, 24W - Light Source: high efficiency and energy-saving LED lamp, 12V/3W - Battery: maintenance-free lead acid battery, 20Ah - Controller: 12V/10A - Working Time: 8 hours/day - Pole Height: 3--3.5m	- 灯杆: 热镀锌不锈钢材, 表面喷塑 - 太阳能板: 多晶或单晶硅太阳能板28W - 光源: 高效节能 LED灯, 12V/3W*2 - 蓄电池: 免维护铅酸蓄电池40Ah - 控制器: 12V/10A - 工作时间: 8小时/天 - 高度: 3--3.5m - Light Pole: hot-galvanized stainless steel, with ejecting plastic - Solar Panel: mono or polycrystalline silicon, 28W - Light Source: high efficiency and energy-saving LED lamp, 12V/3W - Battery: maintenance-free lead acid battery, 40Ah - Controller: 12V/10A - Working Time: 8 hours/day - Pole Height: 3--3.5m
6W	- 灯杆: 热镀锌不锈钢材, 表面喷塑 - 太阳能板: 多晶或单晶硅太阳能板24W - 光源: 高效节能 LED灯, 12V/6W - 蓄电池: 免维护铅酸蓄电池20Ah - 控制器: 12V/10A - 工作时间: 8小时/天 - 高度: 3--3.5m - Light Pole: hot-galvanized stainless steel, with ejecting plastic - Solar Panel: mono or polycrystalline silicon, 24W - Light Source: high efficiency and energy-saving LED lamp, 12V/3W - Battery: maintenance-free lead acid battery, 20Ah - Controller: 12V/10A - Working Time: 8 hours/day - Pole Height: 3--3.5m	- 灯杆: 热镀锌不锈钢材, 表面喷塑 - 太阳能板: 多晶或单晶硅太阳能板28W - 光源: 高效节能 LED灯, 12V/6W - 蓄电池: 免维护铅酸蓄电池40Ah - 控制器: 12V/10A - 工作时间: 8小时/天 - 高度: 3--3.5m - Light Pole: hot-galvanized stainless steel, with ejecting plastic - Solar Panel: mono or polycrystalline silicon, 28W - Light Source: high efficiency and energy-saving LED lamp, 12V/3W - Battery: maintenance-free lead acid battery, 40Ah - Controller: 12V/10A - Working Time: 8 hours/day - Pole Height: 3--3.5m
8W	- 灯杆: 热镀锌不锈钢材, 表面喷塑 - 太阳能板: 多晶或单晶硅太阳能板30W - 光源: 高效节能 LED灯, 12V/8W - 蓄电池: 免维护铅酸蓄电池32Ah - 控制器: 12V/10A - 工作时间: 8小时/天 - 高度: 3--3.5m - Light Pole: hot-galvanized stainless steel, with ejecting plastic - Solar Panel: mono or polycrystalline silicon, 30W - Light Source: high efficiency and energy-saving LED lamp, 12V/8W - Battery: maintenance-free lead acid battery, 32Ah - Controller: 12V/10A - Working Time: 8 hours/day - Pole Height: 3--3.5m	- 灯杆: 热镀锌不锈钢材, 表面喷塑 - 太阳能板: 多晶或单晶硅太阳能板35W - 光源: 高效节能 LED灯, 12V/8W - 蓄电池: 免维护铅酸蓄电池55Ah - 控制器: 12V/10A - 工作时间: 8小时/天 - 高度: 3--3.5m - Light Pole: hot-galvanized stainless steel, with ejecting plastic - Solar Panel: mono or polycrystalline silicon, 35W - Light Source: high efficiency and energy-saving LED lamp, 12V/8W - Battery: maintenance-free lead acid battery, 55Ah - Controller: 12V/10A - Working Time: 8 hours/day - Pole Height: 3--3.5m
12W	- 灯杆: 热镀锌不锈钢材, 表面喷塑 - 太阳能板: 多晶或单晶硅太阳能板42W - 光源: 高效节能 LED灯, 12V/12W - 蓄电池: 免维护铅酸蓄电池40Ah - 控制器: 12V/10A - 工作时间: 8小时/天 - 高度: 3--3.5m - Light Pole: hot-galvanized stainless steel, with ejecting plastic - Solar Panel: mono or polycrystalline silicon, 42W - Light Source: high efficiency and energy-saving LED lamp, 12V/12W - Battery: maintenance-free lead acid battery, 40Ah - Controller: 12V/10A - Working Time: 8 hours/day - Pole Height: 3--3.5m	- 灯杆: 热镀锌不锈钢材, 表面喷塑 - 太阳能板: 多晶或单晶硅太阳能板50W - 光源: 高效节能 LED灯, 12V/12W - 蓄电池: 免维护铅酸蓄电池85Ah - 控制器: 12V/10A - 工作时间: 8小时/天 - 高度: 3--3.5m - Light Pole: hot-galvanized stainless steel, with ejecting plastic - Solar Panel: mono or polycrystalline silicon, 50W - Light Source: high efficiency and energy-saving LED lamp, 12V/12W - Battery: maintenance-free lead acid battery, 80Ah - Controller: 12V/10A - Working Time: 8 hours/day - Pole Height: 3--3.5m



太阳能草坪灯 Solar Lawn Lamp



NPST-CD010



NPST-CD011



NPST-CD012



NPST-CD001



NPST-CD002



NPST-CD003



NPST-CD004



NPST-CD005



NPST-CD006



NPST-CD007



NPST-CD008



NPST-CD009



Feature

Solar panel: high efficiency mono-crystalline or polycrystalline silicon solar panel.
Automatic on and off switch by light sensor control.
No main power or wiring required, easy to install.
Applications: for illuminating and decorating parks, gardens, footpaths and roadways.

特点

太阳能板: 高效的多晶或单晶硅太阳能电池板;
由光敏器件控制开启和吧、关闭;
无须配电和线缆, 安装简单、容易;
应用: 适用于花园、停车场、足球场、步行街等场所的照明或装饰。

技术参数

Technical Specifications

Material: brushed stainless steel	材料: 不锈钢材料
Working time: up to 8 hours	工作时间: 不低于8h
Solar panel: mono-crystalline or polycrystalline silicon	太阳能板: 多晶或单晶硅电池板
Light source: 1 high brightness LED	光源: 1个高亮 LED灯
Storage battery: rechargeable Ni-Cd/ Ni-Mh battery, 1.2V/600mAh	蓄电池: 可充电 Ni-Cd或Ni-Mh电池, 1.2V/600mAh
Light color: white, green, yellow, blue, red (optional)	灯光颜色: 白、绿、黄、蓝、红等可选
Color box size: 13.5*11.5*10cm	包装盒尺寸: 13.5*11.5*10cm
Outer carton size: 56*13*63cm	外箱尺寸: 56*13*63cm
Quantity/Carton: 12 sets/ctn	数量/每箱: 12套/每箱

太阳能交通灯 Solar Traffic Signal Light



NPST-JT005

NPST-JT008

NPST-JT012



Feature
Solar powered, energy-saving and eco-friendly, easy to install and free-maintenance
Suitable for traffic signal, countdown tracking indicator and separate road indicator
Core of signal and traffic controller are available
Water, dust, UV resistant

特点
该交通灯系太阳能供电、节能、生态良好，易于安装和免维修；
适用于交通信号，倒计时跟踪指标和独立的道路指标；
可提供信号核心和交通控制器；
防水、防灰尘、抗紫外线。

技术参数 Technical Specifications

solar panel: 12W
battery: 12V/7AH * 2pcs
light source: ultra-bright LED, 180pcs, red & blue
visible distance: >1000m
flash frequency: blink, randomly
ambient temperature: -20℃~70℃
working time: 260h
housing material: aluminum
Dimension: 680X180X130mm

NPST-JT005 / NPST-JT008 / NPST-JT012



太阳能庭院灯 Solar Garden Lamp



Feature

Solar panel: high efficiency mono-crystalline or polycrystalline silicon solar panel.
Automatic on and off switch by light sensor control.
No main power or wiring required, easy to install, very useful where the grid is missing.
Non dangerous system: it functions at 12volts, therefore no risk of electric shock for high voltages, short circuit, electric discharge, etc.
Applications: for illuminating and decorating park, street, outdoor court and road.

特点

太阳能板: 高效的多晶或单晶硅太阳能电池板;
光控和时控, 自动控制开启和关闭;
无须配电与输电线路;
安全性好: 系统使用12V电压, 故无高压电击、线缆短路等电气危险;
适用花园、步行道路、学校、乡村道路等地方的照明。

技术参数

Technical Specifications

Pole: hot-galvanized stainless steel	灯杆: 热镀锌不锈钢材, 表面喷塑
Solar panel: mono-crystalline or polycrystalline silicon, 12-50W	太阳能板: 多晶或单晶硅太阳能板 12-50W
Light source: energy-saving / LED lamp, 3-12W / 12V	光源: 高效节能 LED灯, 3-12W / 12V
Storage battery: maintenance-free lead-acid gel battery, 10-85 Ah	蓄电池: 免维护铅酸蓄电池 10-85 Ah
Controller: 12V/10A	控制器: 12V/10A
Working time: 8 hours/day, and last for 3-7 consecutive rainy days	工作时间: 8小时/天 连续阴雨天数3-7天
Height: 3-3.5m	高度: 3-3.5m

规格型号	A(连续3个阴雨天) A (last for 3 consecutive overcast and rainy days)	B(连续7个阴雨天) B (last for 7 consecutive overcast and rainy days)
3W	- 灯杆: 热镀锌不锈钢材, 表面喷塑 - 太阳能板: 多晶或单晶硅太阳能板12W - 光源: 高效节能 LED灯, 12V/3W - 蓄电池: 免维护铅酸蓄电池10Ah - 控制器: 12V/10A - 工作时间: 8小时/天 - 高度: 3--3.5m - Light Pole: hot-galvanized stainless steel, with ejecting plastic - Solar Panel: mono or polycrystalline silicon, 12W - Light Source: high efficiency and energy-saving LED lamp, 12V/3W - Battery: maintenance-free lead acid battery, 10Ah - Controller: 12V/10A - Working Time: 8 hours/day - Pole Height: 3--3.5m	- 灯杆: 热镀锌不锈钢材, 表面喷塑 - 太阳能板: 多晶或单晶硅太阳能板14W - 光源: 高效节能 LED灯, 12V/ 3W - 蓄电池: 免维护铅酸蓄电池20Ah - 控制器: 12V/10A - 工作时间: 8小时/天 - 高度: 3--3.5m - Light Pole: hot-galvanized stainless steel, with ejecting plastic - Solar Panel: mono or polycrystalline silicon, 14W - Light Source: high efficiency and energy-saving LED lamp, 12V/3W - Battery: maintenance-free lead acid battery, 20Ah - Controller: 12V/10A - Working Time: 8 hours/day - Pole Height: 3--3.5m
3W*2	- 灯杆: 热镀锌不锈钢材, 表面喷塑 - 太阳能板: 多晶或单晶硅太阳能板24W - 光源: 高效节能 LED灯, 12V/3W*2 - 蓄电池: 免维护铅酸蓄电池20Ah - 控制器: 12V/10A - 工作时间: 8小时/天 - 高度: 3--3.5m - Light Pole: hot-galvanized stainless steel, with ejecting plastic - Solar Panel: mono or polycrystalline silicon, 24W - Light Source: high efficiency and energy-saving LED lamp, 12V/3W - Battery: maintenance-free lead acid battery, 20Ah - Controller: 12V/10A - Working Time: 8 hours/day - Pole Height: 3--3.5m	- 灯杆: 热镀锌不锈钢材, 表面喷塑 - 太阳能板: 多晶或单晶硅太阳能板28W - 光源: 高效节能 LED灯, 12V/3W*2 - 蓄电池: 免维护铅酸蓄电池40Ah - 控制器: 12V/10A - 工作时间: 8小时/天 - 高度: 3--3.5m - Light Pole: hot-galvanized stainless steel, with ejecting plastic - Solar Panel: mono or polycrystalline silicon, 28W - Light Source: high efficiency and energy-saving LED lamp, 12V/3W - Battery: maintenance-free lead acid battery, 40Ah - Controller: 12V/10A - Working Time: 8 hours/day - Pole Height: 3--3.5m
6W	- 灯杆: 热镀锌不锈钢材, 表面喷塑 - 太阳能板: 多晶或单晶硅太阳能板24W - 光源: 高效节能 LED灯, 12V/6W - 蓄电池: 免维护铅酸蓄电池20Ah - 控制器: 12V/10A - 工作时间: 8小时/天 - 高度: 3--3.5m - Light Pole: hot-galvanized stainless steel, with ejecting plastic - Solar Panel: mono or polycrystalline silicon, 24W - Light Source: high efficiency and energy-saving LED lamp, 12V/3W - Battery: maintenance-free lead acid battery, 20Ah - Controller: 12V/10A - Working Time: 8 hours/day - Pole Height: 3--3.5m	- 灯杆: 热镀锌不锈钢材, 表面喷塑 - 太阳能板: 多晶或单晶硅太阳能板28W - 光源: 高效节能 LED灯, 12V/6W - 蓄电池: 免维护铅酸蓄电池40Ah - 控制器: 12V/10A - 工作时间: 8小时/天 - 高度: 3--3.5m - Light Pole: hot-galvanized stainless steel, with ejecting plastic - Solar Panel: mono or polycrystalline silicon, 28W - Light Source: high efficiency and energy-saving LED lamp, 12V/3W - Battery: maintenance-free lead acid battery, 40Ah - Controller: 12V/10A - Working Time: 8 hours/day - Pole Height: 3--3.5m
8W	- 灯杆: 热镀锌不锈钢材, 表面喷塑 - 太阳能板: 多晶或单晶硅太阳能板30W - 光源: 高效节能 LED灯, 12V/8W - 蓄电池: 免维护铅酸蓄电池32Ah - 控制器: 12V/10A - 工作时间: 8小时/天 - 高度: 3--3.5m - Light Pole: hot-galvanized stainless steel, with ejecting plastic - Solar Panel: mono or polycrystalline silicon, 30W - Light Source: high efficiency and energy-saving LED lamp, 12V/8W - Battery: maintenance-free lead acid battery, 32Ah - Controller: 12V/10A - Working Time: 8 hours/day - Pole Height: 3--3.5m	- 灯杆: 热镀锌不锈钢材, 表面喷塑 - 太阳能板: 多晶或单晶硅太阳能板35W - 光源: 高效节能 LED灯, 12V/8W - 蓄电池: 免维护铅酸蓄电池55Ah - 控制器: 12V/10A - 工作时间: 8小时/天 - 高度: 3--3.5m - Light Pole: hot-galvanized stainless steel, with ejecting plastic - Solar Panel: mono or polycrystalline silicon, 35W - Light Source: high efficiency and energy-saving LED lamp, 12V/8W - Battery: maintenance-free lead acid battery, 55Ah - Controller: 12V/10A - Working Time: 8 hours/day - Pole Height: 3--3.5m
12W	- 灯杆: 热镀锌不锈钢材, 表面喷塑 - 太阳能板: 多晶或单晶硅太阳能板42W - 光源: 高效节能 LED灯, 12V/12W - 蓄电池: 免维护铅酸蓄电池40Ah - 控制器: 12V/10A - 工作时间: 8小时/天 - 高度: 3--3.5m - Light Pole: hot-galvanized stainless steel, with ejecting plastic - Solar Panel: mono or polycrystalline silicon, 42W - Light Source: high efficiency and energy-saving LED lamp, 12V/12W - Battery: maintenance-free lead acid battery, 40Ah - Controller: 12V/10A - Working Time: 8 hours/day - Pole Height: 3--3.5m	- 灯杆: 热镀锌不锈钢材, 表面喷塑 - 太阳能板: 多晶或单晶硅太阳能板50W - 光源: 高效节能 LED灯, 12V/12W - 蓄电池: 免维护铅酸蓄电池85Ah - 控制器: 12V/10A - 工作时间: 8小时/天 - 高度: 3--3.5m - Light Pole: hot-galvanized stainless steel, with ejecting plastic - Solar Panel: mono or polycrystalline silicon, 50W - Light Source: high efficiency and energy-saving LED lamp, 12V/12W - Battery: maintenance-free lead acid battery, 80Ah - Controller: 12V/10A - Working Time: 8 hours/day - Pole Height: 3--3.5m



NPST-LD001

太阳能路灯 Solar Street Light



规格型号	A(连续3个阴雨天) A (last for 3 consecutive overcast and rainy days)	B(连续7个阴雨天) B (last for 7 consecutive overcast and rainy days)
15W	- 灯杆: 热镀锌不锈钢材, 表面喷塑 - 太阳能板: 多晶或单晶硅太阳能板50W - 光源: 高效节能 LED灯, 12V/ 15W - 蓄电池: 免维护铅酸蓄电池52Ah - 控制器: 12V/10A - 工作时间: 8小时/天 - 高度: 6--8m - Light Pole: hot-galvanized stainless steel, with ejecting plastic - Solar Panel: mono or polycrystalline silicon, 50W - Light Source: high efficiency and energy-saving LED lamp, 12V/15W - Battery: maintenance-free lead acid battery, 52Ah - Controller: 12V/10A - Working Time: 8 hours/day - Pole Height: 6-8m	- 灯杆: 热镀锌不锈钢材, 表面喷塑 - 太阳能板: 多晶或单晶硅太阳能板60W - 光源: 高效节能 LED灯 12V/15W - 蓄电池: 免维护铅酸蓄电池100Ah - 控制器: 12V/10A - 工作时间: 8小时/天 - 高度: 6--8m - Light Pole: hot-galvanized stainless steel, with ejecting plastic - Solar Panel: mono or polycrystalline silicon, 60W - Light Source: high efficiency and energy-saving LED lamp, 12V/15W - Battery: maintenance-free lead acid battery, 100Ah - Controller: 12V/10A - Working Time: 8 hours/day - Pole Height: 6-8m
30W	- 灯杆: 热镀锌不锈钢材, 表面喷塑 - 太阳能板: 多晶或单晶硅太阳能板90W - 光源: 高效节能 LED灯, 12V/ 30W - 蓄电池: 免维护铅酸蓄电池100Ah - 控制器: 12V/10A - 工作时间: 8小时/天 - 高度: 6--8m - Light Pole: hot-galvanized stainless steel, with ejecting plastic - Solar Panel: mono or polycrystalline silicon, 90W - Light Source: high efficiency and energy-saving LED lamp, 12V/30W - Battery: maintenance-free lead acid battery, 100Ah - Controller: 12V/10A - Working Time: 8 hours/day - Pole Height: 6-8m	- 灯杆: 热镀锌不锈钢材, 表面喷塑 - 太阳能板: 多晶或单晶硅太阳能板110W - 光源: 高效节能 LED灯, 12V/ 30W - 蓄电池: 免维护铅酸蓄电池200Ah - 控制器: 12V/10A - 工作时间: 8小时/天 - 高度: 6--8m - Light Pole: hot-galvanized stainless steel, with ejecting plastic - Solar Panel: mono or polycrystalline silicon, 110W - Light Source: high efficiency and energy-saving LED lamp, 12V/30W - Battery: maintenance-free lead acid battery, 200Ah - Controller: 12V/10A - Working Time: 8 hours/day - Pole Height: 6-8m

太阳能路灯

Solar Street Light



规格型号	A(连续3个阴雨天) A (last for 3 consecutive overcast and rainy days)	B(连续7个阴雨天) B (last for 7 consecutive overcast and rainy days)
40W	- 灯杆: 热镀锌不锈钢材, 表面喷塑 - 太阳能板: 多晶或单晶硅太阳能板120W - 光源: 高效节能 LED灯, 12V/40W - 蓄电池: 免维护铅酸蓄电池150Ah - 控制器: 12V/10A - 工作时间: 8小时/天 - 高度: 6--8m - Light Pole: hot-galvanized stainless steel, with ejecting plastic - Solar Panel: mono or polycrystalline silicon, 120W - Light Source: high efficiency and energy-saving LED lamp, 12V/40W - Battery: maintenance-free lead acid battery, 150Ah - Controller: 12V/10A - Working Time: 8 hours/day - Pole Height: 6-8m	- 灯杆: 热镀锌不锈钢材, 表面喷塑 - 太阳能板: 多晶或单晶硅太阳能板150W - 光源: 高效节能 LED灯, 12V/40W - 蓄电池: 免维护铅酸蓄电池240Ah - 控制器: 12V/10A - 工作时间: 8小时/天 - 高度: 6--8m - Light Pole: hot-galvanized stainless steel, with ejecting plastic - Solar Panel: mono or polycrystalline silicon, 150W - Light Source: high efficiency and energy-saving LED lamp, 12V/40W - Battery: maintenance-free lead acid battery, 240Ah - Controller: 12V/10A - Working Time: 8 hours/day - Pole Height: 6-8m
50W	- 灯杆: 热镀锌不锈钢材, 表面喷塑 - 太阳能板: 多晶或单晶硅太阳能板180W - 光源: 高效节能 LED灯, 12V/50W - 蓄电池: 免维护铅酸蓄电池220Ah - 控制器: 12V/10A - 工作时间: 10小时/天 - 高度: 6--8m - Light Pole: hot-galvanized stainless steel, with ejecting plastic - Solar Panel: mono or polycrystalline silicon, 180W - Light Source: high efficiency and energy-saving LED lamp, 12V/50W - Battery: maintenance-free lead acid battery, 220Ah - Controller: 12V/10A - Working Time: 8 hours/day - Pole Height: 6-8m	



太阳能路灯 Solar Street Light

NPST-LD002

规格型号	A(连续3个阴雨天) A (last for 3 consecutive overcast and rainy days)	B(连续7个阴雨天) B (last for 7 consecutive overcast and rainy days)
15W*2	- 灯杆: 热镀锌不锈钢材, 表面喷塑 - 太阳能板: 多晶或单晶硅太阳能板90W - 光源: 高效节能 LED灯, 12V/15W*2 - 蓄电池: 免维护铅酸蓄电池100Ah - 控制器: 12V/10A - 工作时间: 8小时/天 - 高度: 6--8m - Light Pole: hot-galvanized stainless steel, with ejecting plastic - Solar Panel: mono or polycrystalline silicon, 90W - Light Source: high efficiency and energy-saving LED lamp, 12V/ 15W*2 - Battery: maintenance-free lead acid battery, 100Ah - Controller: 12V/10A - Working Time: 8 hours/day - Pole Height: 6-8m	- 灯杆: 热镀锌不锈钢材, 表面喷塑 - 太阳能板: 多晶或单晶硅太阳能板110W - 光源: 高效节能 LED灯, 12V/15W*2 - 蓄电池: 免维护铅酸蓄电池200Ah - 控制器: 12V/10A - 工作时间: 8小时/天 - 高度: 6--8m - Light Pole: hot-galvanized stainless steel, with ejecting plastic - Solar Panel: mono or polycrystalline silicon, 110W - Light Source: high efficiency and energy-saving LED lamp, 12V/ 15W*2 - Battery: maintenance-free lead acid battery, 200Ah - Controller: 12V/10A - Working Time: 8 hours/day - Pole Height: 6-8m
20W*2	- 灯杆: 热镀锌不锈钢材, 表面喷塑 - 太阳能板: 多晶或单晶硅太阳能板120W - 光源: 高效节能 LED灯, 12V/20W*2 - 蓄电池: 免维护铅酸蓄电池150Ah - 控制器: 12V/10A - 工作时间: 8小时/天 - 高度: 6--8m - Light Pole: hot-galvanized stainless steel, with ejecting plastic - Solar Panel: mono or polycrystalline silicon, 120W - Light Source: high efficiency and energy-saving LED lamp, 12V/ 20W*2 - Battery: maintenance-free lead acid battery, 150Ah - Controller: 12V/10A - Working Time: 8 hours/day - Pole Height: 6-8m	- 灯杆: 热镀锌不锈钢材, 表面喷塑 - 太阳能板: 多晶或单晶硅太阳能板150W - 光源: 高效节能 LED灯, 12V/20W*2 - 蓄电池: 免维护铅酸蓄电池240Ah - 控制器: 12V/10A - 工作时间: 8小时/天 - 高度: 6--8m - Light Pole: hot-galvanized stainless steel, with ejecting plastic - Solar Panel: mono or polycrystalline silicon, 150W - Light Source: high efficiency and energy-saving LED lamp, 12V/ 20W*2 - Battery: maintenance-free lead acid battery, 240Ah - Controller: 12V/10A - Working Time: 8 hours/day - Pole Height: 6-8m
20W*1+30W*1	- 灯杆: 热镀锌不锈钢材, 表面喷塑 - 太阳能板: 多晶或单晶硅太阳能板180W - 光源: 高效节能 LED灯, 12V/ 20W*1 12V/30W*1 - 蓄电池: 免维护铅酸蓄电池220Ah - 控制器: 12V/10A - 工作时间: 10小时/天 - 高度: 6--8m - Light Pole: hot-galvanized stainless steel, with ejecting plastic - Solar Panel: mono or polycrystalline silicon, 180W - Light Source: high efficiency and energy-saving LED lamp, 12V/ 20W*1 12V/ 30W*1 - Battery: maintenance-free lead acid battery, 220Ah - Controller: 12V/10A - Working Time: 8 hours/day - Pole Height: 6-8m	

太阳能风光互补路灯

Solar And Wind Power Combined Street Light



NPST-FG002

我们将风能和太阳能设计在一个系统中，这样就可以保证系统的蓄电池可以随时蓄电供路灯工作。在某些无风的晴天，可以靠太阳能电池板为蓄电池充电。另一方面，在连续的阴雨天中当太阳能电池板无法提供电能的时候，风机可以照常为蓄电池充电。当然，在晴朗多风天里，太阳能电池板和风机可以同时为蓄电池充电。此外，夜晚以后，只要有风，风机就可以继续为系统提供电能。因此，我们认为风光互补路灯以后将十分流行。

We design two power system into one combined system, just in order to guarantee with the power is enough to be charged in the solar battery everyday, if some day there is sunlight but without the wind energy, the solar panel charge the battery. The other way round, if some day there is wind energy but without the sunlight, the wind turbine can charge the power to the battery. When someday both wind & solar energy is enough, both can charge the battery. When the night is coming, the wind turbine is also can continue to work for supply the power to the system, so we sure the system will be popular in the coming future.

Feature

Collect power from both sun & wind, higher utilizing rate and more reliability
Solar panel: high efficiency mono-crystalline or polycrystalline silicon solar panel
No main power or wiring required, easy to install, very useful where the grid is missing and free-maintenance
Non dangerous system: it functions at 24volts, therefore no risk of electric shock for high voltages, short circuit, electric discharge, etc.
Applications: for illuminating and decorating park, street, outdoor court and road

特点

使用太阳能与风能供电照明，更加高效与可靠；
太阳能板：高效多晶或单晶硅太阳能电池板；
无须相关配电和输电管路，安装使用简单容易，特别适用于无电地区；
安全性高，系统使用12V电压，故无高压电击、线缆短路等电气危险；
适用花园、步行道路、学校、乡村道路等地方的照明；

技术参数

Technical Specifications

Pole: hot-galvanized stainless steel	灯杆：热镀锌不锈钢材，表面喷塑
Solar panel: mono-crystalline or polycrystalline silicon, 40-120W	太阳能板：多晶或单晶硅太阳能板 40--120W
Wind Turbine: 24V/400W	风机：24V/400W
Light source: energy-saving / LED lamp, 15-60W	光源：高效节能 LED灯，12V/ 15--60W
Storage battery: maintenance-free lead-acid gel battery, 80-320Ah	蓄电池：免维护铅酸蓄电池 80--320Ah
Controller: Solar and wind power supply controller 24V/400W	控制器：风光互补控制器 24V/400W
Working time after fully charged: 32-36h	工作时间：32--36h（充满电后）
Height: 8-10m	高度：8--10m

NPST-FG002

太阳能包 Solar Bag

Feature

absorbs solar energy through solar energy panel and then turns solar energy into electric energy ,which will be stored in storage battery .It can charge different mobile phones and electrical devices through connectors. It is suitable to be used in the emergency situation when there is no electricity outdoors .If there is no sunshine for a long time ,the battery can be replaced or charged by AC power.This product is easy to operate ,safe to use ,convenient to take and fashionable. It is an ideal product for living and traveling.

特点

太阳能充电包是通过太阳能电池板吸收太阳能并将太阳能转变为电能，储存在内置的蓄电池内，根据不同的接口，给各种不同的手机或电子产品进行充电或供电，适合户外没有电时应急使用。长期无阳光时，也可以将电池取出更换有电的电池，（一次性干电池也可）来给手机补充电能，或采用专用的充电器，利用空电给蓄电池充电。该产品操作简单，使用安全，携带方便，样式新颖，是居家、旅行的最佳充电产品。

产品特点 Product Feature

Suitable for outdoor activity or emergency situation.

Easy to operate ,safe to use.

Use solar energy, eco-friendly and energy saving.

With fashionable design, convenient to take along.

Intelligent charging function: pre-charge,fast constant-current charge,constant voltage charge,balanced charge,extending battery life effectively.

Powerful intelligent protection function: including protection and recovery functions for over-charge, over discharge, over-voltage, over-loading and short circuit.

With ultra-bright LED, which can be used as flashlight at light.

适用于户外活动和应急场合；

操作方便、使用安全；

环保，节约能源；

外形时尚，携带方便；

智能充电功能：预充、快速恒流充、恒压充、均衡充，有效延长内置电池使用寿命；

强大的智能保护功能：具有过充、过放、过载、反接、短路等保护功能；

备有超高亮的LED，可以当手电筒使用。

配置 Configuration

Mobile pone charging interfaces (seven).

One AC 100V-240V charging adapter.

One USB output switcher line.

One operating manual.

七个插头：诺基亚/摩托罗拉/索爱/三星

AC 100V-240V 充电适配器

USB充电转接线一条

一份说明书

参数 Specifications

Solar cell:monocrystalline or polycrystalline silicon 0.72W,5.5V/120MA.

Battery:rechargeable large capacity li battery,800mAh.

Fabric:600D polyester/PVC and 300D ripstop polyester,canvas.

Different colors are available.

太阳能电池板：0.72W, 5.5V/120MA

800mAh大容量可充电锂电池

布料：涤纶，尼龙，帆布

多种颜色供选择

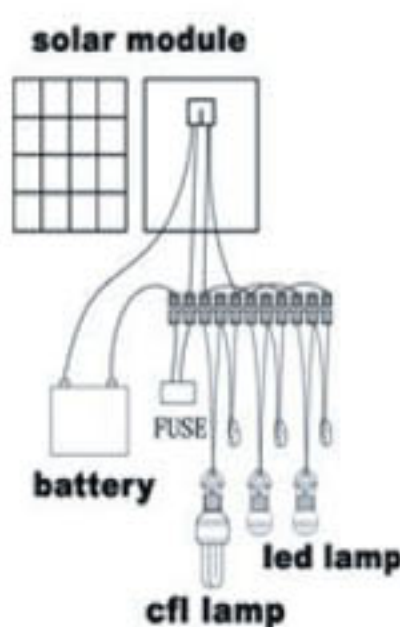


Solar Light Kit

solar module 5w & Charge controller
Battery(optional) 4AH
DC12V Lamp 1W*2
Wires
Switch
E27 Base
Fuse
Terminal
Screw Driver
Electrical Tape



NPST-SLK5

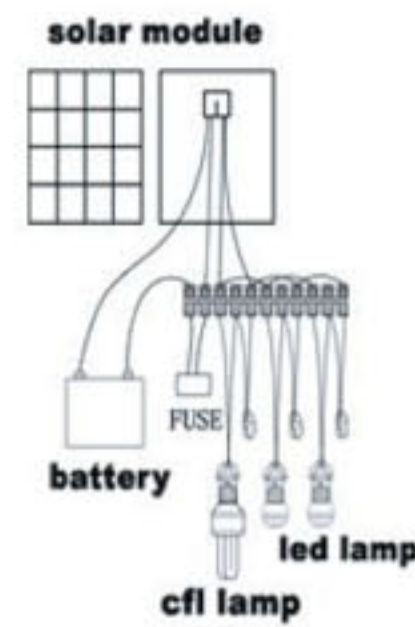


Solar Light Kit

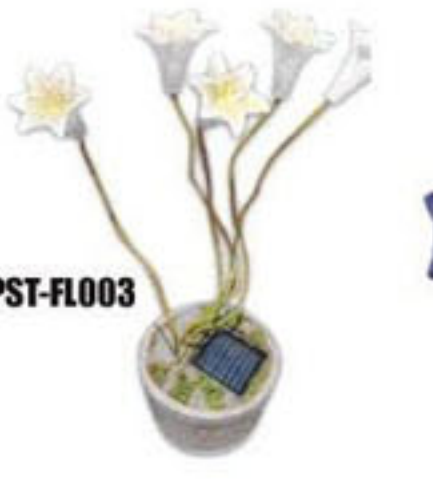
solar module 10W & Charge controller
Battery(optional)
DC12V Lamp 1W*4
Wires
Switch
E27 Base
Fuse
Terminal
Screw Driver
Electrical Tape



NPST-SLK10W



Solar String & Flower Light

规格型号 / Product code	图 片 / Picture	参 数 / Specifications
NPST-SL001		- Material: PP (ABS) - solar panel: 4v/80mA - Battery: rechargeable NI-cd/Ni-Mh, 600mAh/1.2V - Light source: 4 high brightness LEDs - LED lamp head: butterfly - Packing box: 32*24*11cm - Master carton: 50*33*56cm, 10pcs/ctn 3,080pcs in 20' container, 6,390pcs in 40' container
NPST-SL002		- Material: PP (ABS) - solar panel: 129.5*64.5mm, 4v/80mA - Battery: rechargeable NI-cd/Ni-Mh, 600mAh/1.2V - Light source: 9 high brightness LEDs - String length: 7.2m - LED lamp head: rose - Packing box: 22*10*17cm - Master carton: 53*44*52cm, 30pcs/ctn 7,020pcs in 20' container, 14,580pcs in 40' container
NPST-SL003		- Material: PP (ABS) - solar panel: 129.5*64.5mm, 4v/80mA - Battery: rechargeable NI-cd/Ni-Mh, 600mAh/1.2V - Light source: 9 high brightness LEDs - String length: 7.2m - LED lamp head: butterfly - Packing box: 22*10*17cm - Master carton: 53*44*52cm, 30pcs/ctn 7,020pcs in 20' container, 14,580pcs in 40' container
NPST-SL004		- Material: PP (ABS) - solar panel: 129.5*64.5mm, 4v/80mA - Battery: rechargeable NI-cd/Ni-Mh, 600mAh/1.2V - Light source: 9 high brightness LEDs - String length: 7.2m - LED lamp head: dragonfly - Packing box: 22*10*17cm - Master carton: 53*44*52cm, 30pcs/ctn 7,020pcs in 20' container, 14,580pcs in 40' container
NPST-FL001		- Material: resin - solar panel: 55*55mm, 2v/50mA - Battery: rechargeable NI-cd/Ni-Mh, 600mAh/1.2V - Light source: 5 high brightness LEDs - Pole: dia3*500mm - LED lamp head: rose - Packing box: 16*16*25cm - Master carton: 50*33*52cm, 12pcs/ctn 4,128pcs in 20' container, 8,568pcs in 40' container
NPST-FL002		- Material: resin - solar panel: 55*55mm, 2v/50mA - Battery: rechargeable NI-cd/Ni-Mh, 600mAh/1.2V - Light source: 5 high brightness LEDs - Pole: dia3*500mm - LED lamp head: narcissus - Packing box: 16*16*25cm - Master carton: 50*33*52cm, 12pcs/ctn 4,128pcs in 20' container, 8,568pcs in 40' container
NPST-FL003		- Material: resin - solar panel: 55*55mm, 2v/50mA - Battery: rechargeable NI-cd/Ni-Mh, 600mAh/1.2V - Light source: 5 high brightness LEDs - Pole: dia3*500mm - LED lamp head: lily - Packing box: 16*16*25cm - Master carton: 50*33*52cm, 12pcs/ctn 4,128pcs in 20' container, 8,568pcs in 40' container
NPST-FL004		- Material: resin - solar panel: 55*55mm, 2v/50mA - Battery: rechargeable NI-cd/Ni-Mh, 600mAh/1.2V - Light source: 5 high brightness LEDs - Pole: dia3*500mm - LED lamp head: quatrefoil - Packing box: 16*16*25cm - Master carton: 50*33*52cm, 12pcs/ctn 4,128pcs in 20' container, 8,568pcs in 40' container
NPST-FL005		- Material: resin - solar panel: 55*55mm, 2v/50mA - Battery: rechargeable NI-cd/Ni-Mh, 600mAh/1.2V - Light source: 5 high brightness LEDs - Pole: dia3*500mm - LED lamp head: dragonfly - Packing box: 20*14*17cm - Master carton: 41*40*54cm, 12pcs/ctn 3,816pcs in 20' container, 7,920pcs in 40' container
NPST-FL006		- Material: resin - solar panel: 55*55mm, 2v/50mA - Battery: rechargeable NI-cd/Ni-Mh, 600mAh/1.2V - Light source: 5 high brightness LEDs - Pole: dia3*500mm - LED lamp head: butterfly - Packing box: 20*14*17cm - Master carton: 41*40*54cm, 12pcs/ctn 3,816pcs in 20' container, 7,920pcs in 40' container
NPST-FL007		- Material: resin - solar panel: 2v/50mA - Battery: rechargeable NI-cd/Ni-Mh, 600mAh/1.2V - Light source: 4 high brightness LEDs - Pole: dia3*500mm - Appearance: chrysanthemum - Packing box: 20*14*17cm - Master carton: 41*40*54cm, 12pcs/ctn 3,816pcs in 20' container, 7,920pcs in 40' container