

LIANNET SOLAR STREET LAMP SYSTEM

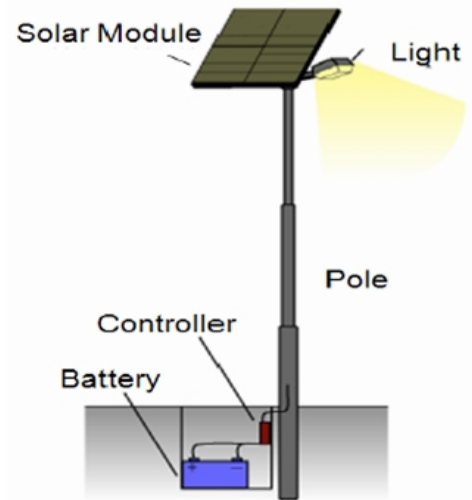
Overview

The solar street lighting system adopts the solar module to convert the solar energy into electricity to charge the street lights at night. It consists of PV modules (including the supporting frame), LED lamps, solar controller, batteries, light poles and etc. The PV modules shall be the advanced crystalline PV modules with high efficiency. The battery shall be waterproof GEL type. The controller shall be digital controller with dc output. The lamp shall be LED lamp. The light pole shall be the metal pole with anti-corrosion coating. The solar street lighting system uses the PV module to convert the solar energy into electricity without any pollution.



Feature

- The solar street lamp adoption high luminance LED lamps
- Wide operation temperature -20 to +55°C
- The solar street lamp have anti-corrosion and waterproof
- customer can be custom lamp-post shape and lamp-post' high
- LED lamps is 30W to 120W
- Dimming technology: Section full power, sub-part of the power output, time controller, light controller
- Installation mode of battery: Underground ,ground installation
- The solar street lamp has long life to services
- The battery backup time: 3days to 7days



Application

- No mains highway
- Highway
- Country road
- Park
- Square

Configuration

Item	LSL30-3	LSL30-7	LSL90-3	LSL90-7
PV module	95W	200W	(200W)X2	(295W)X2
Battery capacity	(12V160Ah)X1	(12V200Ah)X2	(12V200Ah)X3	(12V260Ah)X4
Dimension H (mm)	5m	5 m	12 m	12m
Battery backup time	3days	7days	3days	7days
LED	30W	30 W	90 W	90W

LIANNET HOME SOLAR POWER SYSTEM

Overview

LIANNET Home solar power system some residents are still suffering greatly where lack of or no electricity since rising price of fossil energy of difficulty to introduce commercial grid . Home solar power system converting solar energy high efficiently can help owner access to the electricity life easily and reduce electricity fee greatly .It can be used for various house appliances such as TV, Fans , Lightings, Mobiles etc.

The home solar power system uses the PV module to convert the solar energy into electricity without any pollution.

Feature

- High Efficiency:
Adopting the advanced crystalline PV modules (< 15%),digital solar inverter (< 96%) to make full use of the solar energy and electricity
- Best Mobility
Easy installation and maintenance ,smart structure ,convenience of packaging and moving
- High Reliability
Adopting GEL battery or optional battery . Easy installation and nearly free of maintenance. The life time of the PV module and controller & inverter can be up to 20 and 5 years
- Strong Adaptation
Wide range working temperature (-20 to +60°C) .Wide range of humidity ,strong compatibility with strict environment

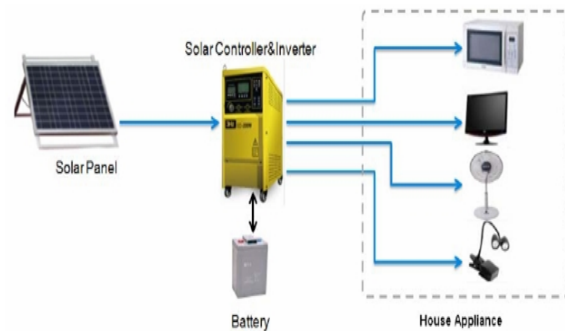
Specification

- The home solar system total capacity 1.5KWh to 3KWh

- The home solar system PV module capacity 50W to 295W
- Output voltage 230Vac
- DC output of solar controller 12Vdc or 24V dc
- Battery backup time 2days to 5 days
- We can provide different kinds of home solar power system to comply with the requirements of different customers.

Application

- Remote villages
- Islands
- Nomadism areas
- Mountain areas etc.



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LIANNET OFF-GRID SOLAR POWER SYSTEM

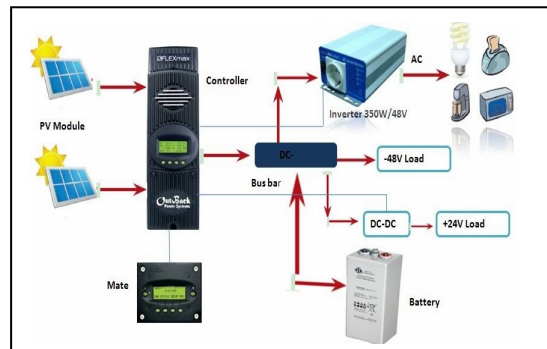
Overview

LIANNET off-grid solar power system development and utilization of green energy, on the one hand can effectively relieve energy shortages and the bad effect on the environment pollution problems of using fossil fuel, on the other hand can also promote local economic development. The off-grid solar power system is one of the important applications of green energy. This solar system uses large –scale PV array and controller to output DC current and convert it to DC current. This system uses solar module to generate electricity and has battery storage. It is low carbon designed and has very less emission



Application

- Telecommunication
- Islands base station
- Nomadism areas base station
- Mountain areas base station.
- Wireless base station



Feature

- High efficiency: The efficiency of PV module is very high, and the controller is up to 98.5%
- The off-grid solar power system it is easy for installation and maintenance . which is good for low OPEX
- High efficient utilization of solar power and shorter ROI period : The generation is made ready to use, which is good for high utilization rate of power generation to shorten the investment cycle.
- Flexible installation modes and high compatibility:

Specification

We can provide different kinds of equipment for DC voltage off-grid solar power plant.

- Solar module adoption Mono-crystalline PV module ($\leq 200\text{W}/\text{set}$), ply-crystalline PV module ($\leq 295\text{W}/\text{set}$)
- Adoption OUTBACK Anti-reflux controller (3.8KW), and controller to off-grid solar power system
- Tracking mode of solar module: Fixed-installation mode, single-axis tracking or dual-axis mode
- Installation mode: Grounding installation, roof installation or BIPV installation mode

LIANNET SOLAR SOLUTION

Overview

LIANNET solar solution adopt solar power system and generator. Solar system charge the battery and generator does not operation during the day. Generator start operation without sunshine. Solar power system adopt DSP(Digital Signal Processor) controller , generator adopt PLC controller .They can satisfy the customer's needs of different capacity configuration .The generator can switch on and off remotely

Feature

- The solar solution can customized capacity according to customer's requirements
- Anticorrosive and waterproof
- Adopt DSP(Digital Signal Processor) and PLC controller
- Meets the hostile environment requirements
- Wide operation temperature -40°C to +55°C
- long life and long services to the battery
- Larger backup oil to generator
- Remote controller to generator
- The solar solution provide AC output or DC output meets customer different requirements
- The generator output 230VAC and the rectifier output-48VDC to- 53.5VDC

Application

- Telecommunication
- Outdoor UMTS/GSM/CDMA base stations;
- Integrated outdoor base stations

- Outdoor distributed base stations
- Outdoor network access points

