



Dalian BOFU Construction Material Co., Ltd.



CHINA.DALIAN



Solar energy is currently the most concerned and fastest-growing green clean energy. Some scientists believe that solar energy will be the main energy source in the 21st century.

The use of solar energy in a variety of products will help reduce carbon emissions, improve the global environment, so many products now use solar energy.

BOFU is committed to providing a variety of high-quality solar products, fields cover agriculture, traffic, garden, civil engineering, including but not limited to solar tracking brackets, solar tracking street lights, solar power generation systems, various solar lights, etc.

Solar Tracking Bracket for Solar Power Station



Single axis automatic solar tracking bracket system is using to tracking the sunlight, it will drive the solar panel on it to automatically follow the sun to rotate and keep the sun's rays always shining on the solar panel vertically, thus increasing the power generation of the solar system by 20%-30%.

BF-ST-001



Item	value
Warranty	3months-1year
Free installation service	No
Place of Origin	China
	Liaoning
Brand Name	BOFU
Model Number	SAT001
Application	Home, Commercial, Industrial
Solar Panel Type	Monocrystalline Silicon, Polycrystalline Silicon
Battery Type	Lithium Ion
Controller Type	photoresistor
Mounting Type	Ground Mounting, Roof Mounting
Load Power (W)	3KW, 2.4
Work Time (h)	6 hours
Pre-sales project design	y
brand name	BOFU
diameter	250mm
height	700mm
solar panel inclination	25
material	Stainless Steel
power capacity	2.4kw

Solar Power Station



BF-SPS-001

Stand-Alone Solar System

Off-grid systems are photovoltaic systems which are not connected to the grid. They use solar panels to produce DC electricity which is then stored in a battery bank. The power supply system not only provide you with the necessary motivation, but also provide you 110/220/380 AC, 50 Hz/60Hz wave power, are ideal for isolated regions or areas where ordinary power line are not available, particularly suited for mountain village without electricity, tele-communications, border islands, and hold operations units and large power station.

Grid-Connected Solar System

PV-grid-connected power system includes PV modules, grid-connected inverter, power switchboard. The PV modules convert the solar energy to DC power, then the grid-connected inverter convert the DC power to the sine wave AC power, which keep the same frequency and phase with the grid-net voltage. The AC power partly feed in the grid-net and the other power supply the local loads or family. It can work without storage battery. Lower cost and long lifetime of photovoltaic grid-connected system is the trend of solar energy development, representing the energy utilization technology in the 21 century. Photovoltaic grid-connected systems have been used abroad in developed countries.



BF-SPS-002

BF-SWS-001



Wind and Solar Complementary Photovoltaic System

Wind and solar complementary photovoltaic system form by wind turbine generator system and solar batteries module. This system transfers the solar energy into the electric power and energy is stored in the battery, meanwhile, the wind will turn the wind turbine rotate and transfer the wind energy into the electric power and also stored in the battery, this way the solar and wind will work together to supply power to the battery, the transfer rate is much higher than single solar or wind power generation.

Solar Tracking Street Light

The solar tracking street light integrates the solar tracking bracket and the street light. The solar tracking bracket will drive the solar panel above it to automatically follow the sun to rotate to keep the sun's rays always shining on the solar panel vertically, thus increasing the power generation of the solar panel by 30% and makes street lights work longer.



BF-STL-001

Solar Traffic Light

The solar traffic lights are equipped with big solar panels and large-capacity batteries to ensure that they can be used continuously for more than 7 days even in continuous rainy days. The portable design allows the traffic light to be easily moved to any place needed.



Solar Agriculture Products

Solar Bird Repeller

Solar 3 in 1 bird repeller can use 3 methods to repel birds-ultrasonic, flash and noise, to ensure that farmland, airports, etc. are not disturbed by birds.



BF-SBR-001



BF-AR-001

Animal Repeller (ultrasonic)

The Animal repeller use four - sound ultrasound to drive the animals. When the animal enters the area, the product emits super sound waves make the animal feel uncomfortable and escape from the area.

Wind Bird Repeller

The wind bird repeller is designed based on the bird's fear of light. The device is made of stainless steel and has very good reflective effect. The unique bucket shape design and superior rotating shaft enable it to start in the breeze, realizing the function of 360 ° reflection angle and no bird driving blind spot.



BF-WBR-001



BF-SPK-001

Solar Pest Killer Lamp

The solar insect killer lamp is designed with high-voltage power grid and fluorescent tube. When fluorescent tube works, the pests led to fly to the killer lamp, and were killed by the high-voltage power grid.

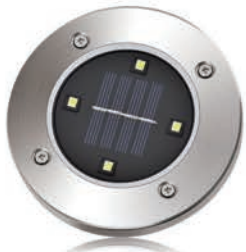
Solar Civil Engineering

Solar Brick Underground Light

Solar underground lights are used for road guidance. They are charged by solar panels during the day and automatically turn on colored lights at night. It is an ideal road guidance facility.



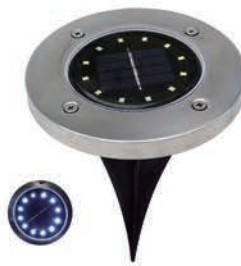
BF-SBL-001



BF-SBL-004



BF-SBL-008



BF-SBL-012



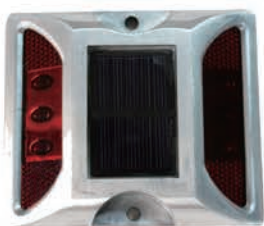
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BF-SRS-001

Solar Road Stud

Solar road studs are installed at appropriate positions on the highway to indicate the route. The product is powered by solar energy, automatically recharges during the day and discharges at night, without manual maintenance, is an ideal road guidance facility.



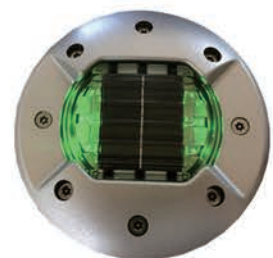
BF-SRS-002



BF-SRS-003



BF-SRS-004



BF-SRS-005

Solar Home Products

Solar Lawn Light



BF-LW-001



BF-LW-002



BF-LW-005



BF-LW-007



BF-LW-011

Solar Garden Light



BF-GL-001



BF-GL-010



BF-GL-011



BF-GL-002

Solar Radio



BF-RA-001



BF-RA-004



BF-RA-005



BF-RA-008