



- **Solar Signs Save Lives and the Environment**
- **Improve traffic security**
- **Safety When You Need It**
- **Solar Signs and Safety Signs Made To Last**
- **Solar School Signs and Safety Signs Make Schools Safer and protect Students**

Solar traffic signs have many uses. They can be used in manufacturing facilities, for pedestrian safety, stop and yield signs, vehicle directions, emergency instructions, parking safety and school zone safety.

These solar signs are designed for ultimate visibility so that seeing them is never an issue Your safety matters to us. Trust the signs that are being used for different applications around the world, from carpool lanes to traffic areas.

ATLANTS SOLAR has created a family of solar powered safety signs designed to increase awareness of hazardous areas by providing increased sign visibility. Each solar powered sign is built with ultra-bright LED lights, immediately alerting attention to the solar safety sign. The solar sign lights are visible in all weather conditions, from bright sunlight to fog and rain.

Designed for the rugged commercial, industrial , traffic control , petrochemical industries... our solar powered signs are built to last. Solid steel frames and DOT breakaway bases provide superior strength.

School crossing zones and construction areas can be a hazardous place for children and workers. Construction areas, especially those along the highway, are especially dangerous for the workers who are trying to better the streets for the drivers. Traditional, unlit signs that say stop or slow down do not always work even in their bright colours.

Encompassing strength with the latest in technology in solar panels, batteries and LED lighting gives ATLANTS the edge in solar signs and traffic control. From traditional stop signs, pedestrian crossing and yield signs to more industry specific overhead crane and toxic vapour signs, no hazardous area will be overlooked.

ATLANTS Solar safety signs can be used for several applications including:

- Plant Turnarounds
- Pedestrian Safety
- Stop & Yield Signs
- Loss Prevention and Safety
- Vehicle Directional Instructions
- Emergency Instructions
- Parking Lot Safety
- Homeland Security

School Zone Safety Signs. When you choose a ATLANTS Solar sign there are many benefits:

- Ease of installation in remote locations
- High Visibility in All Weather Conditions
- No Costly Power Feeder Cables
- Maintenance Free
- More security

Loss Prevention and Safety. Our solar powered safety signs are designed with the following features:

- Severe Duty Solar Panel +25 years life span
- High Wind & Hail Resistant
- Tolerant to Localized Shadowing
- High Static Loading Capability
- Solid State Controller
- Lightning & Transient Over Voltage Protection
- Temperature Compensation
- Heavy Duty Deep Cycle Battery



Solar traffic flash light

TS-88

Solar power:8-10W. Storage battery: 20Ah. Light source: 125-260 LEDs. Standard diameter 30 cm (other upon request). Working: all day and night, and flash 50-70 times/min (or customized). Continuous cloudy/rainy days: 7-10 days. Customized size: 200-500 mm (inner diameter lamp). Working: to be made according to your local condition . Resistance again water, humidity, salt and fungus. Visibility: >1000 m . Standard colour: Amber (other optional) . Long working hours with trouble free. Easy installation and maintenance. Easy operation and excellent performance. No external power is required for the operation Outstanding amber LEDs for traffic application (other colors available upon request). Cabinet: IP65. Safety standard: GB14887-2003

Solar Traffic signal

TS-75.

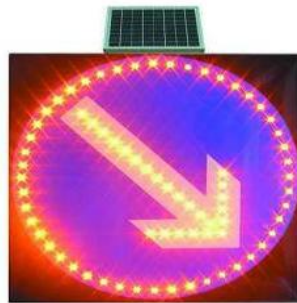
Standard diameter: 300 mm Solar power:8W. Storage battery: 6V/12Ah,good quality and long life. N.W.:11.3kg. Light source:105 LED Working: all day and night, and flash 50-70 times/min. or customized Can work continuously cloudy/rainy days: 7 days. Customized size: D300-500mm (inner diameter for the LED



lights). *Working: to be made according to your local condition . Resistance again water , humidity, salt and fungus .Long working hours with trouble free Easy installation and maintenance. Easy operation and excellent performance. No external power is required for the operation Outstanding amber LEDs for traffic application (other colors available upon request) Cabinet: IP65. Safety standard: GB14887-2003 .

Solar Traffic Guiding Light

TS:55 Solar power:8-10W. Storage battery: 12Ah/12v.Light source: 75-260 LEDs. Standard diameter 30 cm Working time: 7 continuous cloudy/rainy days



Feature: solar traffic signal light could be square, rectangle, triangle or other shapes, they are made according to most strict international standards. .They are characterized with clear signal, good looking and easy reading. **The visibility is over 1000M.** free maintenance and long life . N.W.:11.3kg

Also available with other signs like : TS-57 TS-59

TS-60/40K



TS-50

TS-48

TS-44

SOLAR OPERATED Motor Vehicle Driveway Signal Light

Φ200-300mm LED Round Ball Traffic Signal Light .Excellent appearance & visibility . High efficiency and high brightness LED light source . Up to 90% energy saving over incandescent . Long life of +100.000 hours plus . Exclusive optical lensing, good color uniformity . Water & dust resistant . Light intensity automatically adjustable Accords with national standard GB-14887-2003. CE approved Solar power: 50W.



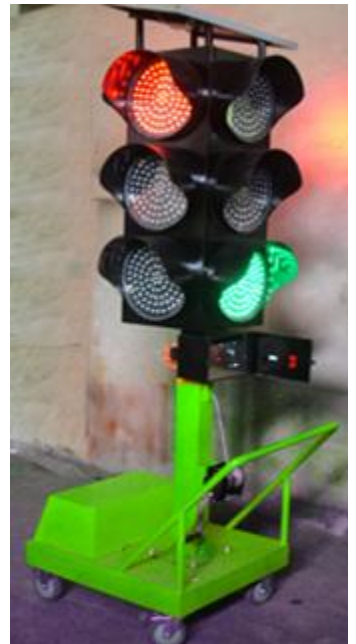
Storage battery: 12V/65Ah. Can work with cotinuous



cloudy/rainy days: 6-7 days. Visibility: +1000Mts. Feature:do control crossing signal, AND/or with pedestrian"red/green men" together. Arrow signal. Countdown etc...

Portable Solar traffic light

Solar Traffic Light with Ultra Bright Leds RED/ GREEN/ AMBER . Diameter each lamp: 200mm (or 300mm) Accumulator battery: 12V/ 65AH . Solar panel mono/poly: 50 W . Can work continuously +200 hours under rainy day. Adopt ultra bright led as light source, high intensity, long life-time. Viewing distance: > 1000m. Switching red, yellow and green light, 0-99second adjustable. Flash frequency: all times. Led life span: 100.000 hours. Size: 1000 x 800 x 2300 mm .



Product net weight:120Kg,. easy to move . The controller has automatic control and circuit protection,can prevent from short-cutting,over--connecting,over-charging or over-discharging, it also have auto protection in case solar panel or accumulator battery is reverse connected. Ref.ATL-TRL3200

Same model but with 300mm dia led lamps also available. Ref. ATL-TRL3300 Size: 1200x800x2600 GW: 150Kgs. Solar panel 70W/ Battery 12v/100Ah



Portable Solar Traffic Light

Portable Solar Traffic Signal Light with High Brightness LED Source and Solar Panel Height can be customized .

Main technical data:
Accumulator battery: 12V/100AH . Solar panel: 80W .

Solar panel Max. charge current: 4.6A

Can work Continuously over 120 hours (5 days) under rainy day.

Adopt ultra bright led as light source, high intensity, long life-time. Viewing distance: > 500m. It consists of 4 sets of 200 mm slim LED traffic lights, also can change to two direction according to customer's requirements (LED signal modules not more than 4 each

direction) Outsize:750×750×2340 mm (l×w×h) 750×750×2960 mm (L×w×h)(Max). Product net weight: 175Kg,can move it easily .

The controller has automatic control and circuit .

Protection,can prevent from short-cutting,over-connecting,over-charging or over-discharging, it also have auto protection in case solar panel or accumulator battery is reverse connected.

SOLAR BARRICADE LAMP

Applications: Barricade lamp, warning lamp, middle road warning lamp...

Ref. ATL-TRB600

Body material: ABS Strong and durable. Solar panel:

Monocrystalline. Size:

85mm*45mm

Working voltage: 3V;

Working current: 200mA;

Battery: 2pcs of Ni-cd 4000mAh rechargeable batteries. Light source: 3pcs*1 led or/3pcs*2led- Light

intensity: over 12000mcd

Diameter leds:5mm; Visibility: +600meters .

Weather and rainy proof

Flash frequency: 45/m±30

or customised . Operation temp: -10°C +60°C.

Size/master carton

62*45*35cm Pcs 50pcs

G.W 9kgs



Solar warning Light

ATL-TRB200

Solar-powered, economical and eco-friendly

Battery is specially made to ensure high efficiency even

if working under very low or high temperature

Protection level IP66 . Automatically turn on and off .

Easy to install, no wire needed . Installation with magnet, string or screw is for your option . Fully sealed, suitable for outdoor or road traffic and free-maintenance . Used as decoration, caution or direction

for engineering construction, square, park, courtyard, structures rail and landscape project . Various lighting

modes and colors for option . Dimensions: Ø78 x 145mm . Solar cell: 250mWp Battery:Ni-MH

800mAh/2.4V. Light source:ultra-bright LED . Qty of

LED:6pcs(Ø10mm) . Optional LED color:red, blue,

green, yellow. White & colorful (R.G.B inside). Optional lighting mode:fast flash,slow flash, steady-on,rotary

flash & colorful(gradual+leap). Working time after fully

charged: 60 hours (fast flash), 40h slow flash/steady

on. Photo sensor. Visible distance : +1000 meters.

Outline dimensions: 980 x 145mm. net weight:

300Gms. Master carton: 510x 270 x 340 mm – 36pcs/

master carton 20FCL 20000 pcs . Lighting mode

options: fast flash (75times/min.) to 250T/min.

(spec.by client). Slow flash 20times/min. Steady on.



Solar Flashing Alerting Light

REF. ATL-TR300/96

If you are wondering about the value of solar signs, that value is twofold.

For one thing, the flashing lights make them more visible. Since the purpose of safety signs is to keep people safe, don't you think that greater visibility is a good thing? Especially if the site is in a busy city where people may not notice them as much. Solar traffic signs will be seen by more people and prevent quite a few traffic accidents.

The other benefit is that the flashing lights are powered by the sun and therefore don't have to take power from the grid to operate, thereby saving you money and saving the earth's energy resources.

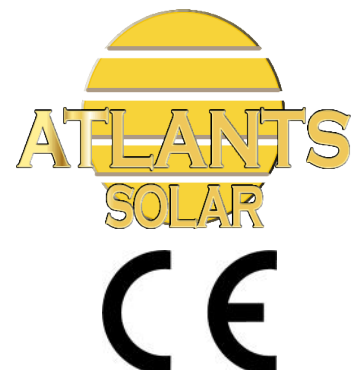
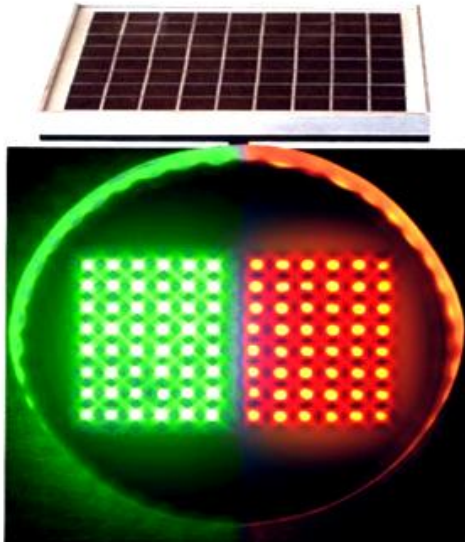
Solar Panel : mono-crystalline Silicon (6W). Life span :25years.

Storage Battery: 12V/12Ah. The useful life of storage battery: 5years . Light Source: Ultra-high shining LED. It can be design for one or two color . Luminous Surface: $\Phi 30\text{cm}$. Flicker Frequency: 180times/min. full chargeed, more than 7 overcast and rainy days for continuing working. Life Time leds: +100.000h. all-weather flicker

IF INTERESTED IN OTHER SOLAR TRAFFIC PRODUCT FEEL FREE TO CONTACT US.



SOLAR ROAD STUDS



ATLANTS SOLAR TRAFFIC AND SOLAR SAFETY CONTROL PRODUCTS