

Portable Solar Traffic Light



- The solar energy is used to generate power without consuming conventional energy. It's obviously energy-saving, environmentally friendly, maintenance-free.
- The controller adopts the technology of microcomputer chip and non-contact to automatically control the solar cells to charge the battery for energy storage during the day. It features battery overcharge and over discharge protection function.
- Working mode: 24 hours continuous work and light control (day off and night on).
- The light source is made of ultra-bright LED, with low power consumption, long life, and it's seismic, durable and penetrating.
- Easy installation without laying additional cables.
- Quite suitable for the highway, national highway, mountain, and dangerous road, where power lines are unavailable but safety warning is necessary. Solar warning light plays a positive role especially for speeding, fatigue driving and other illegal acts, to ensure that traffic is smooth.

XT-050 Specification & Technical data

I. Technical Index



- ◆ **Application Environment** :-10~45°C. Relative Humidity 20%~90%.
- ◆ **Size & Weight**: Bottom 670-800mm, support 1400mm. Total Weight ≤ 70KG
- ◆ **Lifting Height**: Reduced by 1.85 M, increased by 2.45 M (adjustable).
- ◆ **Wind Resistance**: the highest level of wind resistance 5, the lowest level of wind resistance 6.
- ◆ **Structural Protection**: Dustproof, Waterproof (TP54 grade), exposed parts are anti-corrosion materials
- ◆ **Brightness and chromaticity** in line with the relevant provisions of the national standard GB14887-2003

II. Product Performance

- ◆ **LED Traffic Light Screen** : Diameter 28cm. Four direction(full screen).Three Colors (Red,Yellow, Green).Display pixel: three-color super bright LED Luminescent diode. Chromaticity: Red 620-625nm, Yellow 591-594nm, Green 503-505nm. Illumination visible distance is greater than 800 meters; working life is greater than 50,000 hours
- ◆ **Operate Keyboard** : Operation--- manual control, time period, timing.
Display: traffic light timing, traffic light phase
- ◆ **Control Method**: Program---Five (yellow flash, mixed, T, separate, one-way,) release plan
Time period: 16 time slots
- ◆ **Working Hours**: Regular mode: 7 W power consumption, long-term use in sunny conditions.
Yellow flash mode: 3 W power consumption, maximum power saving at night, guaranteed to use during the day
- ◆ **Configuration**: Solar panel: 50W. Maintenance-free battery: 1PC*12V100AH, more than two years lifespan.
- ◆ **Charging Mode**: Solar charging---self-charging for outdoor work, micro charging in indoors in a bright environment.
External charging cable: external AC power supply 220V $\pm$ 10%, 50HZ (standby)

III. Characteristics

- ◆ **High-strength Anti-corrosion Material:** Die-cast aluminum, stainless steel, engineering plastics, fiberglass, overall varnish.
- ◆ **Lifting Walking Structure:** It can be arbitrarily stopped in the large lifting range, and the bottom roller is moved in a short distance.
- ◆ **Structural Parameters:** Visible height 220CM, which could adjust from 185CM drop to 245cm. Light diameter: 28CM Chassis: 67CM*80CM Weight: 70KG



XT-051 Specification & Technical data

I. Technical Index



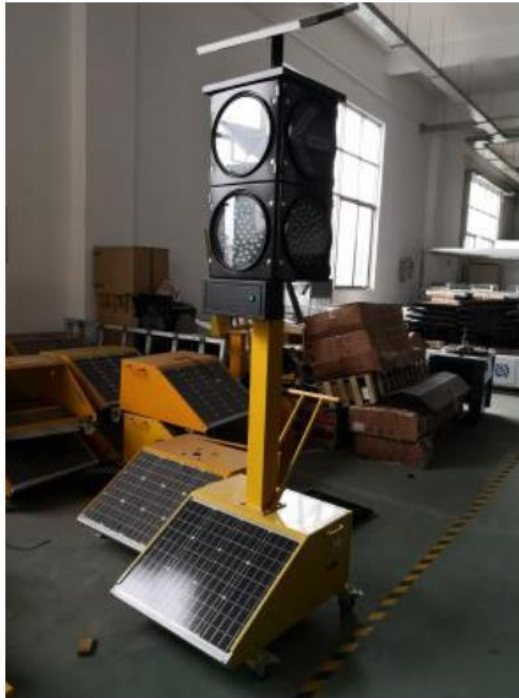
- ◆ **Application Environment** :-10~45°C. Relative Humidity 20%~90%.
- ◆ **Size & Weight**: Bottom 670-800mm, support 1400mm. Total Weight ≤ 80KG
- ◆ **Lifting Height**: Reduced by 2.2 M, increased by 2.8 M (adjustable).
- ◆ **Wind Resistance**: the highest level of wind resistance 5, the lowest level of wind resistance 6.
- ◆ **Structural Protection**: Dustproof, Waterproof (TP54 grade), exposed parts are anti-corrosion materials
- ◆ **Brightness and chromaticity** in line with the relevant provisions of the national standard GB14887-2003

II. Product Performance

- ◆ **LED Traffic Light Screen** : Diameter 28cm. Four direction(full screen).Three Colors (Red,Yellow, Green).Display pixel: three-color super bright LED Luminescent diode. Chromaticity: Red 620-625nm, Yellow 591-594nm, Green 503-505nm. Illumination visible distance is greater than 800 meters; working life is greater than 50,000 hours
- ◆ **Operate Keyboard** : Operation--- manual control, time period, timing.
Display: traffic light timing, traffic light phase
- ◆ **Control Method**: Program---Five (yellow flash, mixed, T, separate, one-way,) release plan
Time period: 16 time slots
- ◆ **Working Hours**: Regular mode: 10 W power consumption, long-term use in sunny conditions.
Yellow flash mode: 4 W power consumption, maximum power saving at night, guaranteed to use during the day
- ◆ **Configuration**: Solar panel: 50W+30W. Maintenance-free battery: 1PC*12V100AH, more than two years lifespan.
- ◆ **Charging Mode**: Solar charging---self-charging for outdoor work, micro charging in indoors in a bright environment.
External charging cable: external AC power supply 220V $\pm$ 10%, 50HZ (standby)

III. Characteristics

- ◆ **High-strength Anti-corrosion Material:** Die-cast aluminum, stainless steel, engineering plastics, fiberglass, overall varnish.
- ◆ **Lifting Walking Structure:** It can be arbitrarily stopped in the large lifting range, and the bottom roller is moved in a short distance.
- ◆ **Structural Parameters:** Visible height 250CM, which could adjust from 250CM drop to 280cm. Light diameter: 28CM Chassis: 67CM*80CM Weight: 80KG



XT-052 Specification & Technical data



I. Technical Index

- ◆ **Application Environment** :-10~45°C. Relative Humidity 20%~90%.
- ◆ **Size & Weight**: Bottom 670-800mm, support 1400mm. Total Weight ≤ 90KG
- ◆ **Lifting Height**: Reduced by 2.65 M, increased by 3.25 M (adjustable).
- ◆ **Wind Resistance**: the highest level of wind resistance 5, the lowest level of wind resistance 6.
- ◆ **Structural Protection**: Dustproof, Waterproof (TP54 grade), exposed parts are anti-corrosion materials
- ◆ **Brightness and chromaticity** in line with the relevant provisions of the national standard GB14887-2003

II. Product Performance

- ◆ **LED Traffic Light Screen** : Diameter 28cm. Four direction(full screen).Three Colors (Red,Yellow, Green).Display pixel: three-color super bright LED Luminescent diode. Chromaticity: Red 620-625nm, Yellow 591-594nm, Green 503-505nm. Illumination visible distance is greater than 800 meters; working life is greater than 50,000 hours
- ◆ **Operate Keyboard** : Operation--- manual control, time period, timing.
Display: traffic light timing, traffic light phase
- ◆ **Control Method**: Program---Five (yellow flash, mixed, T, separate, one-way,) release plan
Time period: 16 time slots
- ◆ **Working Hours**: Regular mode: 7 W power consumption, long-term use in sunny conditions.
Yellow flash mode: 3W power consumption, maximum power saving at night, guaranteed to use during the day
- ◆ **Configuration**: Solar panel: 50W. Maintenance-free battery: 1PC*12V100AH, more than two years lifespan.
- ◆ **Charging Mode**: Solar charging---self-charging for outdoor work, micro charging in indoors in a bright environment.
External charging cable: external AC power supply 220V $\pm$ 10%, 50HZ (standby)

III. Characteristics

- ◆ **High-strength Anti-corrosion Material:** Die-cast aluminum, stainless steel, engineering plastics, fiberglass, overall varnish.
- ◆ **Lifting Walking Structure:** It can be arbitrarily stopped in the large lifting range, and the bottom roller is moved in a short distance.
- ◆ **Structural Parameters:** Visible height 265CM, which could adjust from 265CM drop to 325cm. Light diameter: 28CM Chassis: 67CM*80CM Weight: 90KG



Welcome to visit our factory

- ◆ Web: www.xtonsolar.com
- ◆ Company name : Yangzhou Xintong Transport Equipment Group.com
- ◆ Email : young@xintong-group.com
- ◆ Mob/whatsapp/wechat : 0086 152 5279 1956