



200mm Portable traffic light

8" Vehicle traffic light

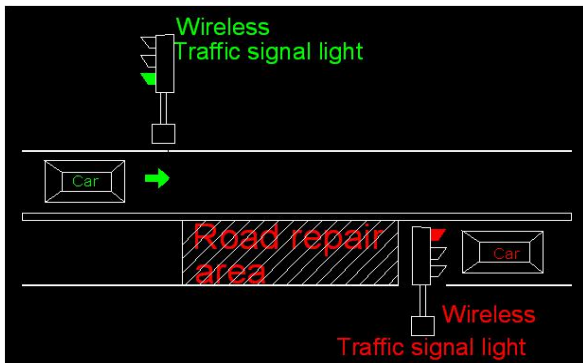


Only two sets, no three sets

Specifications

- Shape: 200mm (8") Cobweb cover
- High brightness LEDs with integrated optics
- Moisture and dust tight seal (IP65)
- Total Harmonic Distortion < 20% (with PFC)
- Operating Temperature: -40°C to 70°C
- Angle: Avg. ≥ 60° Down ≥ 60°
- Operating voltage Range: 12VDC
- Insulation Resistance: ≥ 2M
- Life: 100,000H
- Housing material: PC (Polycarbonate)

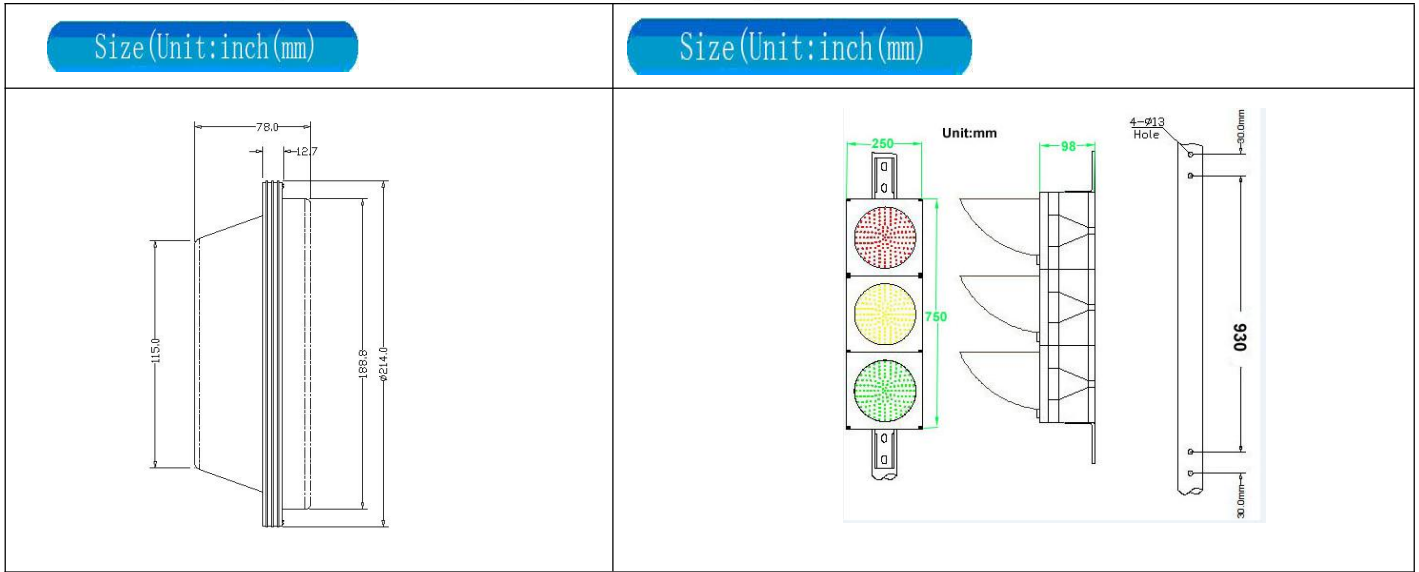
Test parameter



Features/Benefits

Production Introduction:

- 1, Solar panel: 30W/12V, battery: 65AH/12V
- 2, Max. power consumption: about 23W, can work continuously over 72 hours (3 days) under rainy day.
- 3, Powered by solar, no need other Power supply
- 4, Viewing distance: > 400m, communication distance between traffic lights: > 1000m
- 5, Net weight < 70kgs, fixed on trailer, can be moved easily
- 6, Working humidity: < 95%
- 7, LED Brightness > 400cd
- 8, Height can be adjusted to 185~250cm
- 9, Control by wireless controller, operating automatic ally
- 10, Signal transmission via radio, no need to dig the earth for laying cables




Characteristics							
Model Number	Size	Color	Voltage	LEDs	Wattage at 25 °C	Luminance (cd/m ²)	Typical Dominant Wavelength(nm)
	(mm)						
NBJD213F-3	200	Red	12~24VDC 86-265VAC	61s	<7	>400	625 ± 5
	200	Yellow	12~24VDC 86-265VAC	61s	<7	>400	590 ± 5
	200	Green	12~24VDC 86-265VAC	61s	<7	>400	505 ± 2

Packing:


Model	Material	Carton Size	Quantity/CTN	G.W/CTN	N.W/CTN	Packing
NBJD213F-3	PC	880x330x220mm	1set	7.9kgs	6.5kgs	Carton



Solar panel:

<i>Solar Panel</i>	<i>Power</i>	<i>30W</i>	
	<i>Summit Current</i>	<i>0.47A</i>	
	<i>Place of production</i>	<i>Shenzhen</i>	
	<i>Operating life</i>	<i>2years</i>	

Battery

<i>Battery</i>	<i>Capacity</i>	<i>65AH/12V</i>	
	<i>Operation life</i>	<i>More than 2years</i>	
	<i>Character</i>	<i>Lead-acid battery</i>	

Description of controller system

Green Light, Green Life; Safety Light, Safety Life.



B: Solar Power traffic controller



Wifi

Modes Features:

1. Support cycle fixed mode
2. Support 2 kinds of Pedestrian across street mode

Signal & Stage:

- 24 stages output(16 vehicle+8 pedestrian)
- Max 240 plan setting, 20 time periods setting for per plan
- Max 200 menu setting
- Week Plans, Special Holiday plan
- Traditional display mode(red & yellow lighting together) and standard display mode (red & yellow light lighting separately)
- Yellow Light Flashing & lighting , pedestrian light lighting and flashing

- ❖ Adapts 32 digits ARM CPU.
- ❖ Output port redefinition.
- ❖ 1 master and 2 slave controller work together by wireless.
- ❖ Light fault detection(short circuit, open circuit..)
- ❖ WIFI for handset to remote control the controller..
- ❖ GPS Real-time clock for wireless sync available
- ❖ Wireless traffic management by the remote controller and handset.
- ❖ Technique of PWM to control the brightness of the light
- ❖ Hardware flashing function
- ❖ Green conflict setting and detection function
- ❖ Remote control setting on the software.
- ❖ Fault diagnose function for open or close.
- ❖ Fuse protected driver output PSU with LED indicators
- ❖ Traffic Manual can work for you.

Loop signal input:

1. Network system wireless loop detector
2. Flir camera vehicle detector
3. Noble's traffic loop detector



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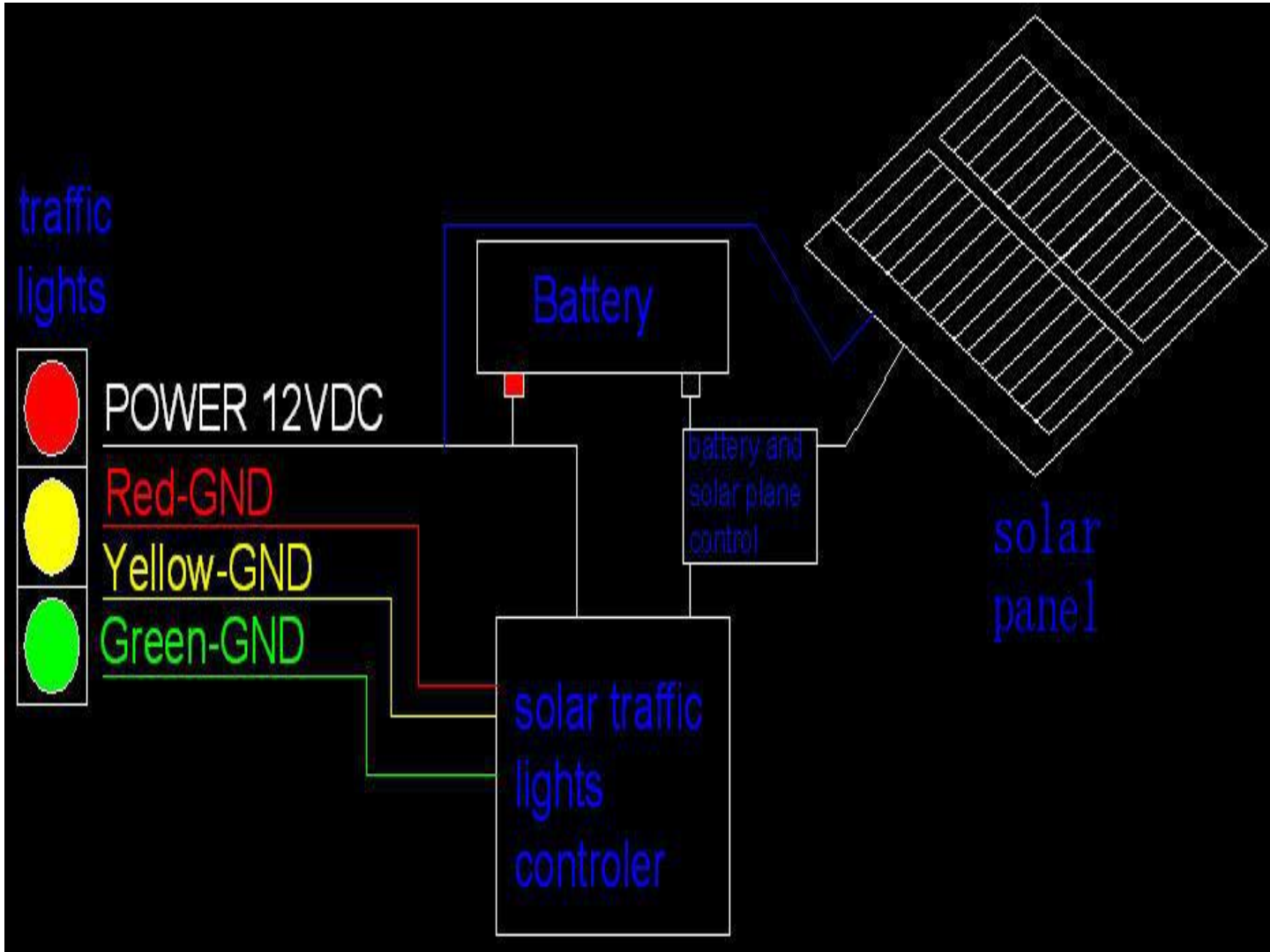
Green Light, Green Life

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Product Advantage



01 / Polycrystalline silicon solar panel

It adapts polycrystalline silicon, during the day it absorbs power, and at night it release the power. It achieved zero cost of the fare of electricity and energy saving and friendly to environment.

02 / Stable LED lamps

Low light decay, long lifespan, super brightness, advanced technology, the lifespan can reach 100000H



03 / Wireless transfer and don't need wiring

Free wiring doesn't need to destroy the road. It just need two wireless antenna to realize signal transferring and save the cost of labor

04 / Constant-current Control

It adapts intelligent IC Constant-current control, it ensures the output of stable current, and longer the lifespan of the lamp





1

The main body of portable traffic light

The main body include battery, battery source, wireless control body case, handrail and wheel and so on.

2

The function of transferring the wireless signal

It adapts the technique of wireless transfer. Transferring the wireless signal by wireless module and antenna. It doesn't need dig our the road and with low cost



3

The lock of the body case

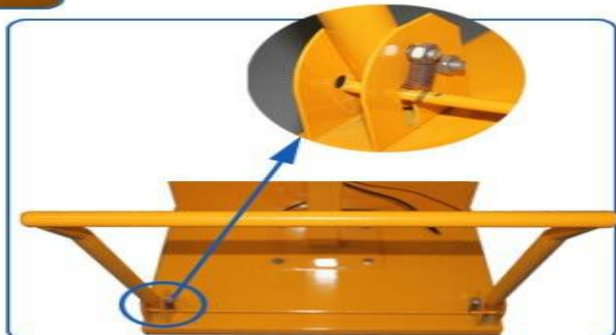
The battery case with key and lock, the lock has intelligent switch by hand with good safety



4

Handrail

Handrail fixed by spring, it can adjust the angle of the handrail and can be removed freely with good flexibility



5

Led traffic light

It mainly adapts LED traffic light, it can anti light decay with long lifespan

