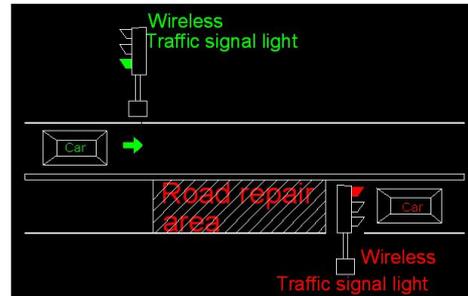| Portable traffic light 移动交通信号灯	应用 Application:

Production Introduction：

1,Solar panel:30W/12V ,battery:65AH/12V

2,Max.power consumption:about 35W,can work continuously over 120 hours (5 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 <60 Kg,fixed on trailer,can be moved easily

6,Working humidity:<95%

7,LED Brightness:>200cd

8,Height can be adjusted to 185~250cm

9,Controled by wireless controller,operating automatically

10,Signal transmission via radio,no need to dig the earth for laying the cables

System composition:

2 pcs 200mm traffic lights

2 pcs 30W solar panels

2 pcs Solar charging controllers

2 pcs 65AH batterys

1 set Wireless controller (one master controller with two service controller)

2 pcs Traillers

Specification:

Traffic lights:

200mm

Color	Model Numbe	Size(mm)	Profile	Voltage	LEDs	Typical Wattage at 25°C	Luminance (cd/m²)	Typical Dominant Wavelength (nm)
Red	NBJD200R-1	200	Round	12/24VDC	61s	<8	>400	625
Yellow	NBJD200Y-1	200	Round	12/24VDC	61s	<8	>400	590
Green	NBJD200G-1	200	Round	12/24VDC	61s	<8	>400	505

Note: Size of the traffic light can be change on customer requirement

Solar Panel:					
	Solar Panel	Power	30W		
		Summit Current	0.47A		
		Place of Production	Shenzhen		
		Operating Life	15 years		
	Storage Battery	Capacity	65AH/12V		
		Operating Life	More than 3 years		
	Operating temperature		-15~40℃		
	Flicker Frequency		1HZ		
	Dutyfactor		1:03		
	Luminance Ratio		2:01		
	Continuous of Rain Working Day		7 days		
	Working Volt		12V		
	Working Current		>350ma		
	Visual Range		500 m		
	Assemble Way		Suspension		

Wireless controller:

Green flash time(s)	Green Flash Frequency (Hz)	Yellow Flash Frequency (Hz)	Power Voltage	Nominal Output Current	Clock	With PFC+PWM	Power Consumption	Loaded Power	Ambient
				Per Line	Precision				RH
0~59S	0.5	0.5	12VDC	5A	0.1S	>0.8	3W	≤1,100V/output	40%~95%

Description:
1. 1 master and 2 slave controller work together by wireless

2. WIFI for setting mobile phone App.

3. GPS Real-time clock for wireless sync available.

4. Wireless traffic management by the remote controller and App.

5. Technique of PWM to control the brightness of the light.

6. Hardware flashing function.

7. Fuse protected drive output PSU with LED indicators.

8. Working distance is about 200 meters.

9. Traffic Manual can work for you.

Wiring Diagram:

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