

# Solar Traffic Signs

# ELA-S012



With our solar traffic sign series Everlight offers cost effective, efficient solutions for your modern traffic management needs.

Our solar traffic signs do not need connection to power generators or time consuming electrical attachment. They are also lightweight and portable, making them ideal for a variety of applications including traffic engineering, road crew and safety zone awareness, and speed regulation.

Everlight traffic signs are also very reliable. LED lighting units provide highly visible illumination and last much longer than conventional lights, reducing the need for frequent lamps changes and maintenance costs. Our traffic signs are also unaffected by utility grid failures and power blackouts, providing uninterrupted regulation of traffic.

## Design Features

- Powered with high efficiency solar cells and solar energy battery
- Energy efficient LEDs provide high quality brightness
- Maintenance-free, sealed gel batteries
- Warranty for solar modules can last up to 25 years

## Value and Convenience

- Easy installation, no manual operation or electrical cabling required
- Keep your installation costs and personnel to a minimum; reduce traffic delays
- Portable; ideal for areas with little or no electric grid connection
- Energy efficient LED lamps last upwards to 100,000 hours eliminating the need for frequent lamp changes

## Environmentally Friendly

- Solar traffic signs are powered by clean, renewable and free energy from the sun.
- LED lamps are mercury free, which means no toxic waste when they are disposed
- Displaces grid supplied electricity and reduces carbon emissions

## SPECIFICATIONS

ITEM	TECHNICAL DESCRIPTION	LIFE
Work Condition	Operating temperature: From -50°C to 70°C	
	Operating Voltage: 12V	
	Wind rate: 96km/h	
	Water resistance: IP54	
	Lighting Time: Continuous operation for 12 hours/day and up to 4 days in overcast or rainy conditions.	
Solar Panel	30Wp ( Monocrystalline/ Polycrystalline Silicon)	25 years
Light Source	LED power: 5W	100,000 hours
	LED brightness: 17Lux	
	LED color temperature: 6000-7000K (Sun color)	
	Visibility distance: 500m	
	Flash frequency: 24±2/min	
Frame Material	Board Size: 1800×400mm	20 years
	Material: Stainless Steel	
Battery	12V 40AH	3~5 years
	Maintenance-free Colloid	
Controller	12V 10A DC	3 years
	Time and Light switch controller	

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