

SOLAR LED ROAD SIGN

Installation Instructions

24/7 & DUSK TO DAWN

Included:

- LED Sign with Key
- Solar Panel
- Battery with Charging System
- Allen Key for the set screws
- Mounting Hardware
- Compass

Tools Required:

- 1/2" Socket Wrench to adjust the panel direction bracket
- Wrench for mounting the bolts

Steps:

1. Determine which direction your sign will be mounted. Adjust the bracket approximately so that the solar panel will be facing south for the best sunlight.
2. Using a 1/2" socket wrench, tighten the bolt in the top middle of the bracket.
3. Take the solar panel and slide it into place on the direction bracket facing South.
4. Use the Allen Key to tighten the 2 set screws to secure the solar panel to the directional bracket.
5. Connect the cable from the solar panel to the cable coming out from the battery.
6. With the 2 mounting bolts included, install the sign to your new or existing pole. Do not over tighten them or it may cause damage!
7. Turn the orange key on the battery to change the function: off, 24/7 flashing, and night mode (dusk to dawn) flashing.
8. Note that solar panels are set to a 45 degree angle which is the ideal angle for solar energy, and we recommend that you face it directly south. A small compass has been included with your sign for your convenience.

Note: The digital display will show you how much the battery is charged by pressing the small button next to it. The 1st push will show the battery percentage. The 2nd will show the battery voltage (100%=12.5V). The 3rd will turn off the display.

SOLAR LED SIGNS



SIZES

24", 30", 36"

TECHNICAL SPECS

MODES	24/7 FLASH OR DUSK TO DAWN FLASH
LED DISPLAY COLOR	AMBER, WHITE OR RED*
LED WATTAGE / OUTPUT	1/2 Watt / 37.58 Lumens/LED
LED LIFE EXPECTANCY	100,000 HOURS
FLASH RATE	55 PER MINUTE
BATTERY LIFE	6-8 HOUR CHARGE / UP TO 48 HOURS OF USE
BATTERY TYPE	LITHIUM ION
BATTERY CAPACITY	12V 7.5Ah
SOLAR PANEL WATTAGE	18V 22 W
SOLAR PANEL DIMENSIONS	12 in x 18 in
IP RATING	IP67
SIGN MOUNTING STYLE	Mounting Holes / .375in Holes Dia
REFLECTIVE GRADES	ENG, HIP or DIAMOND

*LED Display Color varies by legend / sign type — Amber, White, or Red available.

KEY FEATURES

ADJUSTABLE BI-FACIAL SOLAR PANEL
DIGITAL BATTERY DISPLAY
EASILY MOUNTS TO NEW OR EXISTING POLES



ASSEMBLED IN USA

Includes: LED Sign with Key, Solar Panel, Battery with Charging System, Mounting Hardware



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