

INSTRUCTION

Unlimited Applications

Thank you for choosing eLEDing!

Package Includes: (Fig. 3)

1 x Solar Panel; 1 x Mounting Bracket; 1 x Control Enclosure Built with Battery Pack; 1 x Pack of Screws

Assembly: (Fig. 1)

- The battery and control board are already set up inside the control box.
- Adjust the solar panel holding bracket arms to match the size of the solar panel then put the solar panel on the arms and tight them by provided self-drilling screws on top and bottom (Fig. 2)
- **You will need a size 4mm wrench to adjust the screws on the arms.**
- Connect LED light head/fixture and solar cables from the solar panel and the control enclosure. Make sure you connect them together at the right polarity and firmly.
- Mount the whole system on the pole (Only for pole mounting, **you will need a size 6mm wrench to adjust the screws for bracket**) with the provided pole holding bracket.
- Make sure the solar panel facing to directly sunlight (**South**) without any blocks or shadow. **One Step Power ON:** Push the main switch to ON position to activate device. (Fig. 2)

Installation/Mounting Method (Fig. 3)

Pole Mount as recommended, also works well on Ground/Floor or Wall Mount

Note:

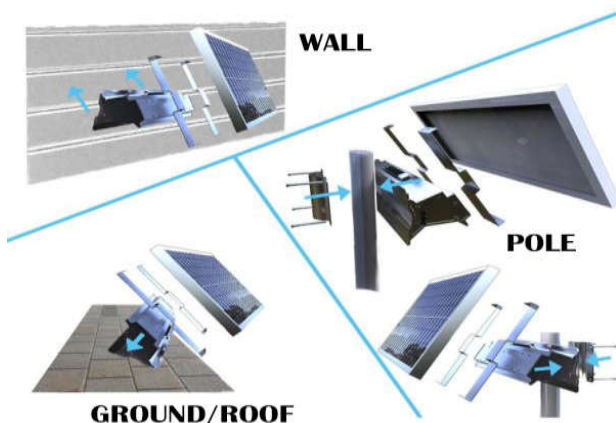
*Solar Panel must be mounted in a non-obstructed position that allows at least 5-6 hours direct sunlight all year round. For most of the North America projects. The solar panel can be pointed to east, west and south but **definitely not to north**.

*For northern hemisphere installations, a south-facing position is best and visa-versa for southern hemisphere installation.

*Solar Panel Maintenance: Use soft, wet cloth to clean the solar panel periodically (at least once a one year) to avoid energy output reduction resulted from accumulated dust. Clean accumulated snow ASAP during snowing season.



Fig. 3



EE850W-DT30W or EE8100W-DT60W

As package options, DT30W and DT60W via Tech support:

- Connect provided power cable/extension cable for each solar panel and light head/fixture
- Multiple light heads and style of fixture in use are available as options

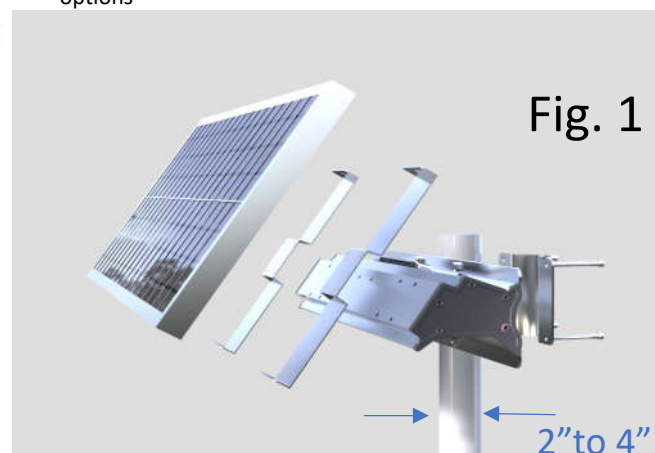


Fig. 1

Two Years Limited Warranty

EESGI guarantees this product to be free from defects in material & workmanship for (1) year. This warranty does not apply to damage from misuse or incorrect installation/ connection. This warranty does not cover accessories, bulbs, batteries, high voltage accidents, alterations, unauthorized use or repair, neglect, misuse, abuse, damages or defects resulting from normal wear and tear (including chips, fading scratches, abrasions or discoloration due to usage or sun exposure), or failure to follow instructions for care and maintenance, fire, flood, and Acts of God. This warranty does not include liability for incidental or consequential damages. EESGI is not responsible for any damages in excess of the retail purchase price of the product under any circumstances. The consumer is responsible for the installation of, removal of, and reinstallation of the product.

SPECIFICATIONS

Solar Powered High-Power Illuminating	EE850W-DT30W (CH/FH)	EE8100W-DT60W (CH/FH)
Output Wattage	30Watts/3600+Lm	60Watts/7200+Lm
Load Out Voltage (DC)	35VDC (PWM)	
Solar Panel	50W/17Vmpp	100W/17Vmpp
Solar Panel Size (standard*)	26" x 21" x 1-3/8"	40" x 27" x 1-3/8"
Power Load When Fully Charged	3+days of cloudy days	3+days of cloudy days
Compatible with 30-40VDC LED light fixtures	Yes	
Conductor Cable x 3	2 Feet, + & - Wire, 14AWG	
Battery Capacity	330WH	650WH
Battery Type	Li-Polymer/LiFePO4	Li-Polymer/LiFePO4
Enclosure Type	Pole/Wall/Ground Base Mount	Pole/Wall/Ground Base Mount
Package Weight (lbs)	35	50
Operation Temperature	(-4°F to 125° F)	
IP Rating	IP65	
Compliance & Certificate	FCC Part 15 Class B and ICES-003:2004	
* The size based on supplier/maker may be different		



Fig. 2