XP08
Solar LED Commercial Grade Christmas / Fairy Light System

This commercial grade solar light string system is supplied with the necessary solar equipment and a 60' (18m) long string of 200 LED lights. Supplied as standard, the lights will typically illuminate dusk to dawn for locations favorable for solar. Higher capacity batteries and/or a larger solar panel will be required for Northern locations, or areas unfavorable for solar. We suggest contacting our sales department for assistance in determining the correct size equipment for your location. The system is supplied with an aluminum framed glass solar panel, metal lockable battery enclosure, MPPT charge controller, deep cycle rechargeable batteries, a night string, necessary cables and solar panel mounting triangles.

**LUMINAIRE**
- A string of 200 Cree® SMD/LEDs each providing 8 Lumens of light output.
- Each SMD/LED bulb is encapsulated in clear polycarbonate for protection against the weather.
- LED color temperature approx. 5500 to 6000k (White).
- LED lighting pattern is constant on.
- The light string is approximately 60’ (18m) long.
- Additional cable and extension cords are available.
- The light string wiring is green color.

**SOLAR PANEL**
- Supplied with a 45 Watt aluminum framed solar panel.
- Higher powered solar panels are available as an option for less favorable installation locations.
- Supplied with approximately 17’ of cable to connect directly to the battery box.
- Two mounting frames (triangles) are included to allow the solar panel to attach to a vertical or horizontal surface.
- The 45 Watt solar panel dimensions approx. 34.5” x 20” x 1.5”
- The solar panel support/mounting frame requires a footprint of approx. 32” x 15” LxW.
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BATTERY

- Two 12 Volt 18 Amp-Hr sealed lead acid batteries are included.
- Larger capacity battery options may be available. For help determining whether a larger battery is necessary, please contact our customer service department.
- Batteries are housed in the supplied metal, lockable battery enclosure (padlock not included).
- 24 Volt dc system.
- Batteries must be connected together in series.

CHARGE CONTROL

- Advanced MPPT charge controller technology
- Fully programmable light control system
- Offers increased efficiency and extended battery life

ACCESSORIES

- CC05 - Bluetooth dongle for MPPT charge controller
- XP09 - Additional 200 LED light string
- SP04 / SP08 - Solar panel pole mount kit
- SP13 - Battery enclosure pole mount kit