XP08
Solar 'Light-Show' Christmas/Holiday/Party Light Commercial System

TECHNICAL SPECIFICATIONS

Manufactured in an ISO9001:2000 'Quality Assured' facility.

LIGHTS & BATTERY BOX

- A string of 200 hyper- bright Cree® SMD/LED's each providing 8 Lumens of light output.
- Color of light output is white.
- Compact electronic control module enable the user to select from several lighting patterns (e.g. steady-on, flashing, chasing, twinkling Etc.)
- 24 volt dc system.
- A lockable battery box is supplied to accommodate the batteries.
- Two, high capacity 12 volt, 17 Amp/Hr or 18 Amp/Hr sealed lead acid batteries are supplied.
- Batteries must be connected together in series.
- The battery box has a built-in photocell (light sensor) for automatic night time operation.
- The battery box has a hinged lid which is lockable (padlock not included).
- The battery box has an integral battery shelf and also houses the PCB controller.
- The battery box also has a pair of receptacles ('output' sockets) for one or two light strings to be connected.
- The light string is approximately 60' (18 metres) long which is pre-plugged ready for easy connection to one of the battery box receptacles ('output' socket).
- All connections are simply plug & play.
- The light string cord is green in color
- Each SMD/LED bulb is encapsulated in clear polycarbonate for protection against the weather.
- Easy to install almost anywhere, on trees, around lamp post lights, under gazebos, canopies and such like.
- As this product has a wide variety of uses and can be used for many different applications, you may find it necessary to use other parts, that are not included, to aid installation for your particular situation. For example, you may wish to fix the fixture or solar panel to a pole (we do not include a pole) and therefore you will need to provide the necessary adaption to enable fixing to a pole and the pole itself. Another example, you may wish to bolt the fixture to the ground. You would then need a smooth level surface in place, such as concrete or a concrete slab. You will then need to fix the solar panel nearby and you may wish to make a bracket for the solar panel or some other device to enable its normal operation.
- For less straight forward or unusual installations you may need to use your own fixings to accommodate the solar panel and/or the light string.
- A basic clamp kit is included for attaching the battery box directly to a round post or pole.
- The battery box has 4 pre-drilled holes to enable it to be directly mounted to a surface.
- A pair of triangle shaped support frames are supplied for the solar panel.
- Operates up to 12 hours, or more, during darkness, in ideal conditions, subject to the solar panel wattage and other factors mentioned below.
- Typically about 4-5 hours of sunshine daily is required to enable full charge, subject to the solar panel wattage and other factors mentioned below.
- Each battery is approx. 7" x 7" x 3" (LxWxD).
- The metal battery box is approx. 17" x 14" x 5" LxWxD.
- The battery box has a footprint for installation of approx. 14" x 14" LxW.

SOLAR PANEL

- High quality, aluminum framed, powerful 45 watt solar panel fitted with approximately 18' of cable/cord with weatherproof connecter which connects directly to the battery box receptacle ('input' socket).

One Year* Warranty ✓
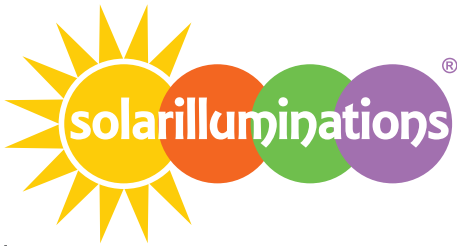**Low Price** Guarantee ✓
No Hassle* Returns ✓
Worldwide Shipping ✓
Lifetime Tech Support ✓

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- Two special triangle shaped mounting frames are included to allow the solar panel to attach to a vertical or horizontal surface with two hole pre-drilled into each section of the frame.
- 45w solar panel dimensions approx. 34.5" x 20" x 1.5" (LxWxD).
- The solar panel support/mounting frame (as supplied), if used, requires a footprint of approx. 32" x 15" (LxW).
- The solar panel support brackets are triangular in shape and have a face length of approx. 19", a stand-off of approx. 10" and a fixing length of approx 17".
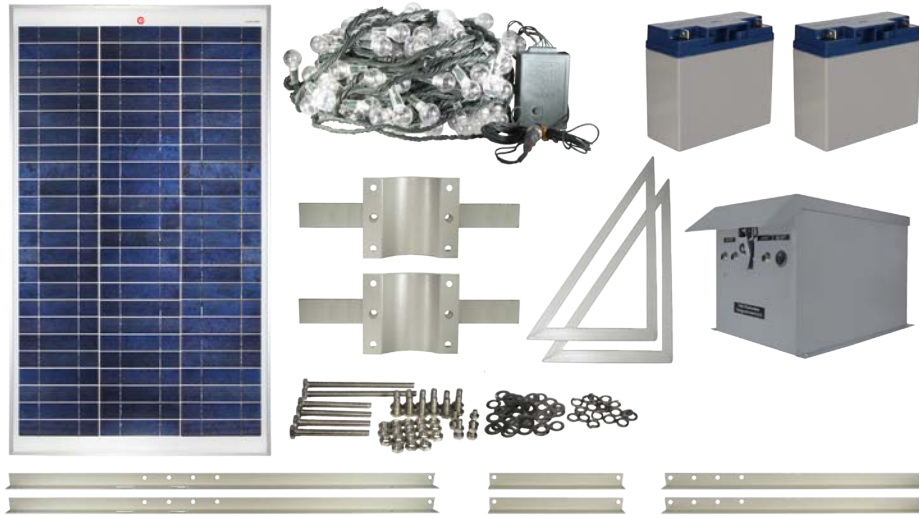
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