

SOLAR LIGHTING SYSTEMS UNI-KIT™ SERIES

- No Glass
- Durable
- Lightweight
- UL Listed (UL)
- Easy To Use
- Weather Resistant
- Silent, Safe, Dependable
- Easy To Install—Saves Time
- Reliable Lighting Source
- Radio/TV 12V Adapter Available
- Easy Plug & Play Connection System



The *UNI-KIT* is a durable lighting system providing extended lighting hours. Simple plug-in connections make it easy to install. A basic power controller manages the system making it easy to use. This versatile system can also power a 12 volt radio or TV.

The pre-wired *UNI-SOLAR* solar electric module converts sunlight to electricity, charging batteries during the daytime for lighting use at night. It's lightweight and durable. There are no glass or crystalline components to break or shatter.

The unique structure of the *UNI-SOLAR* module enables it to keep on charging even on overcast days or when partially covered by shade.

Applications

- Garages
- Camp Sites
- Tool Sheds
- Utility Sheds
- Remote Homes
- Surveying Sites
- Isolated Buildings
- Construction Sites
- Water Pumping



NO-GLASS



DURABLE



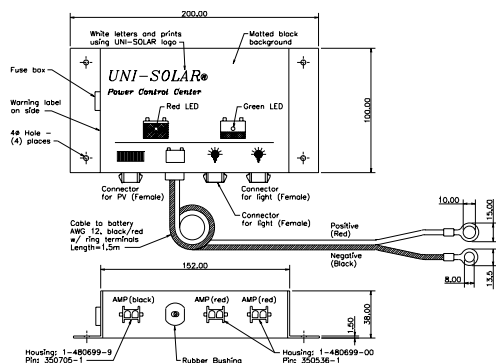
LIGHTWEIGHT



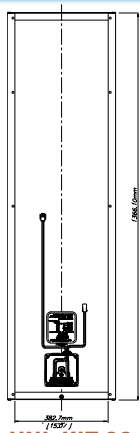
SHADOW TOLERANT



HIGH TEMP PERFORMANCE



Power Control Center



UNI-KIT 30



Battery Not Included



Specifications

Performance	UNI-KIT 30	UNI-KIT 60
Solar Module (Rated Power)	1 X 32 watts	2 X 32 watts
Fluorescent Lamps	2 X 8 watts	4 X 8 watts
UNI-SOLAR Power Control Center*	1	1
Battery Capacity (Ah)**	55-65	90-120
Performance (Lamps-Hours)***	8-10	16-20
Warranty On Power Output of Solar Modules Only	20 yr.	20 yr.

Each unit comes complete with 8m (25ft) wire from modules to Power Control Center, 3m (10ft) wire for connecting lights, plus 5m (15ft.) wire from Power Control Center to lights.

* For up to 140 watts @ 10 amp peak

** Battery not included. 12 volt deep-cycle battery required.

*** Total lamp-hrs/day based on 5 hours of charging per day. Assumes optimal conditions (modules facing south, tilt-angle matches latitude, modules are clean and not shadowed). Calculated Performance (Lamp-Hours) is based on total system losses of approximately 35% and single lamp operation.

During the first 8-10 weeks of operation, electrical output exceeds specific ratings. Power output may be higher by 15%, opening voltage may be higher by 11% and operating current may be higher by 4%. Electrical specifications (±10%) are based on measurements performed at standard test conditions of 1000 W/m² irradiance, Air Mass 1.5 and Cell Temperature of 25°C after long-term stabilization. Maximum system open-circuit voltage not to exceed 600 VDC. Specifications subject to change without notice.

Kit Includes:

Power Control Center

The Power Control Center maximizes battery life by controlling charging and load use and protecting against overcharging and excessive discharge. Easy to read indicators display current battery conditions (high, medium and low state charge). The Power Control Center carries a one-year warranty.

Fluorescent Lights

Easy mounting lights use efficient fluorescent lamps to provide long operating hours. Additional lights can be added to the system to provide more illumination. The lights carry a one-year warranty.

Not Included:

Mounting Structure

The UNI-SOLAR Lighting System has been designed to allow the installer to use locally available mounting materials which include wood, angle iron, etc. The modules can be mounted on poles, roof tops or other convenient locations.

Battery

12 volt deep-cycle battery required.

To Purchase Call:



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