

# UNI-KIT™ Solar Lighting System

**Models: UNI-KIT 30  
UNI-KIT 60**

- **Reliable**
- **Easy to Install - Saves Time**
- **Easy to Use**
- **Silent, Safe, Dependable**
- **Triple Junction Module Technology**
- **Radio/TV 12V Adapter**

**NEW**

**NEW**

**UL Listed**



UNI-KIT™ solar lighting systems are designed for use in remote homes, cabins, construction sites and other remote areas without access to the power grid.

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.

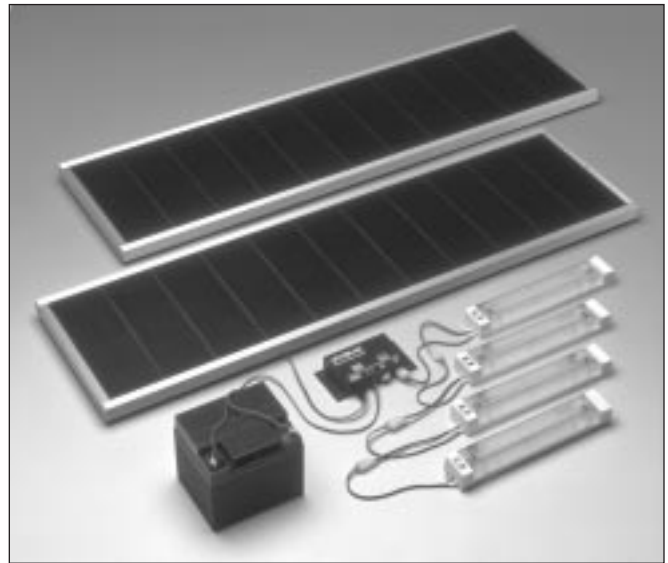
The prewired UNI-SOLAR solar electric module converts sunlight to electricity, charging batteries during the daytime for lighting use at night. It is lightweight and durable. There are no glass or crystalline components to break or shatter.

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

**UNI-KIT 30**



**UNI-KIT 60**



UNI-SOLAR battery chargers save natural resources and produce no pollution. They are a quiet, efficient alternative to diesel or gasoline generators.

**Construction Sites  
Camp Sites  
Tool Sheds**

**Emergency Standby Power  
Utility Sheds  
Garages**

**Remote Homes  
Surveying Sites  
Isolated Buildings**

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### Exceptional Durability

The US-30 solar electric module contains no glass, is cut resistant, rugged and unbreakable. Galvanized steel backing and an anodized aluminum frame add strength. This solar module utilizes United Solar's proprietary Triple Junction silicon solar cells. These cells are made in a roll-to-roll deposition process on a continuous roll of stainless steel sheet metal. The result is a unique, flexible, lightweight cell. The module carries a ten-year limited warranty.

### 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 of 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.

### 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. Consult the owner's manual for further information.

## Specifications

	UNI-KIT 30	UNI-KIT 60
Solar Module (Rated Power)	1 X 30 watts	2 X 30 watts
Fluorescent Lamps	2 X 8 watts	4 X 8 watts
<i>UNI-SOLAR</i> Power Control Center*	1	1
Battery Capacity (Ah)**	55 - 65	90 - 120
Performance (Lamp-Hours)***	12 - 16	24 - 32

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. Deep-cycle battery required.

\*\*\* Total lamp-hrs/day based on 5 hours of charging per day. Calculated Performance (Lamp-Hours) is based on single lamp operation.

### Optional Accessories to *UNI-KIT* Lighting System

- Expand up to four US-30 Solar Modules
- Expand up to ten 8 watt lighting fixtures
- Mounting bar set
- Wall switch
- Fuse, 10A
- Fluorescent tube, 8W

INTERNET: <http://ovonic.com/unisolar.html>

**UNI-SOLAR**<sup>®</sup>

UNI-SOLAR product specifications and availability subject to change. UNI-SOLAR is a registered trademark of United Solar Systems Corp.



TM  
**Triple Junction**  
Technology