

"THE 12 VOLT SOLUTION"

SUNFORCE
PRODUCTS, INC.

60 WATT SOLAR CHARGING KIT



Battery not Included

Accessories Included



- Excellent for Cabins, Remote Power, Backup Power, 12 Volt Battery Charging, RV's & Boats
- Maintenance Free / Easy Installation
- Includes:
 - PVC Mounting Frame
 - 7 Amp Charge Controller
 - 175 Watt Inverter
 - Wiring & Connecting Cable
- Works in All Weather Conditions
- Built-in Blocking Diode Protects Battery Discharge at Night
- Made of Durable ABS Plastic with an Amorphous Solar Cell
- Temperature Range: -40° to 176° F
- Max Output 60 Watts 4 Amps



RUN YOUR 12V ACCESSORIES WITH THE POWER OF THE SUN

USE THE FOLLOWING GUIDE TO SIZE YOUR SYSTEM.

Power Output

A 12V Solar Panel Generating 60 Watts of Power per Hour is equal to 4AMPS of Current under Ideal Conditions:
 $60W @ 15V = 4 \text{ Amps}$

Weekly Output

In a typical week, a 60 Watt solar panel will generate:
 $2940 \text{ Watts (196 Amps)} = 60W \times 7\text{hours/day} \times 7 \text{ days/week}$

Weekly Battery Charging Capability 2940 Watts will provide approximately 196 Amps into a 12V Battery over a 7 day period.

12V Power Consumption Chart

TYPICAL WATTAGE/HR REQUIREMENTS:

| | |
|-----------------------------|-----|
| Bilge / sump pump | 100 |
| CB radio | 5 |
| Clock radio | 5 |
| Computer (laptop) | 50 |
| Cooler, 12V (3A) electric | 36 |
| Depth finder, 12V | 5 |
| Lights (compact 40W equiv.) | 10 |
| Satellite dish | 30 |
| Stereo | 50 |
| TV 12", | 20 |

Sample Solar Calculation of Power Output and Consumption:

In a typical week, a 60W solar panel can run ALL OF THE FOLLOWING:

| ITEM | WATTAGE | HOURS OF USE |
|-----------------------------|---------|--------------|
| Bilge / sump pump | 100 | 29 |
| CB radio | 5 | 588 |
| Depth finder, 12V | 5 | 588 |
| Lights (compact 40W equiv.) | 10 | 294 |
| TV 12", | 20 | 147 |

NEED MORE POWER?

LINK UP TO 10 PANELS TOGETHER FOR INCREASED POWER

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60 WATT SOLAR CHARGING KIT

SPECIFICATIONS

| | |
|----------------------|--|
| Product Name | 60 Watt Solar Charging Kit |
| Item Number | 50044 |
| Warranty | 5 Years |
| Accessories Included | Male DC Plug, Alligator Battery Clamps, Screws, PVC Mounting Frame, 7amp Charge Controller, 175W Inverter & Extra Wiring |
| UPC Code | 787769500445 |
| Country of Origin | China |

Dims & Weights

| | |
|---------------------------|---------------------------|
| Unit Dims | 40" x 12.25" x 15.50" |
| Unit Weight | 55 Lbs. |
| Inner Dims | None |
| Inner Weight | None |
| Inner Quantity | None |
| Master Pack Dims | 40" x 12.25" x 15.50" |
| Master Pack Weight | 55 Lbs. |
| Master Pack Quantity | 1 Unit |
| 20' Container Quantity | 200 Units |
| 40' Container Quantity | 400 Units |
| 40' HQ Container Quantity | None |
| Pallet Quantity | 12 Units (12 Master Case) |