

Solar Charging for Qualcomm Handsets Used on the Globalstar Satellite System

A Natural Solution for:

- Insurance Companies
- Military/Government
 - Construction Sites
 - Disaster Relief
- Remote, Off-Grid Locations



Project engineer on job site using the Portable Energy System

The SunWize™ Portable Energy System converts sunlight directly into electricity, allowing you the freedom to recharge your Globalstar handset anywhere the sun shines. Used in direct sunlight, the system's power output is able to operate your handset indefinitely. The system is lightweight, weather-resistant and highly durable. The Portable Energy System is indispensable for traveling business people and field workers in the construction, oil & gas, disaster relief and insurance industries as well as military personnel. This portable power source is UL listed.

The SunWize Portable Energy System consists of a solar panel, voltage controller, interconnect cables, and storage case. Built into the product is the patented SunWize OPTI-Meter LCD metering system that instantly measures sunlight intensity and allows optimum placement of the panel.

The voltage controller supplied with the system can receive power from one or two solar panels. Two output ports on the controller send power either to the handset or to a second device. The output for the second device can be set at 3, 6, or 7.5 volts, as appropriate for most portable electronic products, using the selector switch.

The SunWize Portable Energy System is designed for daily field use. The solar panel is constructed using a proprietary process in which highest efficiency, single-crystal photovoltaic cells are permanently encased in rugged, weather-resistant urethane plastic. The panel's eight-foot cord winds on a spool recessed into the back of the panel. A hinged metal stand folds flush into the panel's back side. A diagram showing how to connect the SunWize Portable Energy System to a handset or other device is permanently printed on the back of the panel. The system weighs just over two pounds and measures 15.5" x 10.5" x 0.675". The voltage controller weighs four ounces and measures 4" x 2.5" x 0.675".



Qualcomm GSP 1600
Tri-mode Globalstar/CDMA/AMPS

ORDERING INFORMATION

Use the following SunWize part number below to order the appropriate Portable Energy System model for your Globalstar system handset:

- **Qualcomm** – PES-QM

LIST PRICE \$799

Shipping weight: 5 lbs.
Shipping dimensions (L x W x H):
24" x 14" x 2.25"

The SunWize™ Portable Energy System is manufactured by SunWize Technologies, Inc. a company specializing in the manufacture of integrated power systems. SunWize is also authorized by Globalstar to manufacture solar power supplies for the fixed satellite phones. For more information on these chargers visit our web site at www.sunwize.com/globalstar

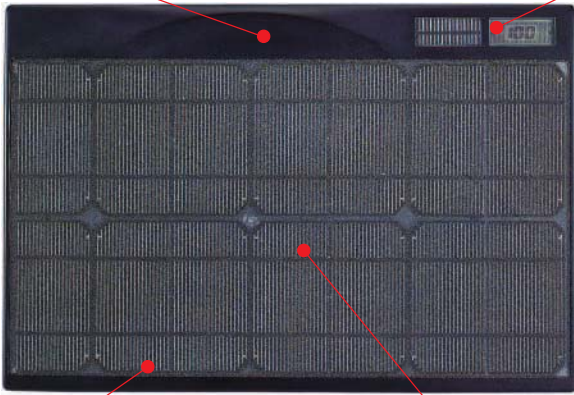




Globalstar™

SolarPower for Qualcomm Handsets Used on the Globalstar System

Easy Grip Ergonomically designed for ease of handling



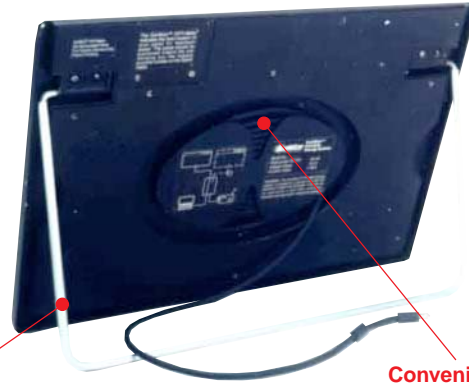
Polymer Encapsulation

Solar cells are sealed in an impermeable polymer for durability

Single Crystal Solar Cells

Converts solar energy into electricity

OPTI-Meter Each system is equipped with the patented SunWize™ OPTI-Meter, an LCD metering system that responds to light intensity. This feature allows you to optimize the performance of the system by positioning the module to achieve the highest output



Stand

Uses laptop computer hinge technology for continuous adjustment angle

Convenient Cord Storage

8' flexible power extension cord stores on easy wind up spool

Multi-Volt Controller

Engineered specifically for this product, the controller regulates power flow between the SunWize Portable Energy System and the Globalstar handset while providing proper voltage. It features multiple output voltage ports with different plug options.



One port is dedicated for the handset and an additional output port is used for a second device. A five-position switch allows you to select the appropriate voltage from 3 volts to 7.5 volts for that additional output.

Optional System Doubler (Part #PES-2)



The System Doubler is an optional panel that is connected to the Multi-Volt Controller to double the power output. This will allow you to operate the handset and at the same time, recharge the battery under full sun conditions. As shown in the photo, the Portable Energy System with the System Doubler can also be used with laptop computers. The doubler is available for charging other items but should not be used with the phone. **LIST PRICE \$659**

The Portable Energy System also operates most portable electronic devices such as:

Features

- Approved for use with Qualcomm mobile satellite phones
- Lightweight, totally automatic and portable
- Durable and weather-resistant
- Maintenance free – no moving parts
- 9 watts of power in full sun
- Environmentally friendly, renewable energy source
- 3, 6, or 7.5 volt auxiliary output for additional electronic device



- Laptop computers
- Cellular phones
- GPS units
- CD Players and Radios
- PDA's and Mobil Organizers



- Two-way Radios
- Video Cameras
- Medical and Environmental Equipment



and will recharge or trickle charge most devices with rechargeable batteries.

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