



G L O B A L S O L A R

# PRODUCT Catalog

**POWER** the Possibilities



# FILEX™

portable solar chargers

# SUNLIQ™ portable solar chargers

**Global Solar Energy's SUNLIQ™** portable solar chargers made with PowerFLEX™ technology are flexible, extremely lightweight and durable solar panels incorporating CIGS (Copper Indium Gallium diSelenide) solar cells. These portable solar chargers produce enough power to charge just about anything capable of being charged through a standard 12V vehicle adapter (CLA) enabling anyone to re-charge batteries, power communication equipment and mobile electronics in remote locations.



The 6.5W and 12W solar chargers have a built-in blocking diode and voltage limiter to protect devices. The SAE trailer plug and accessories provide simple attachment to devices and batteries. Built-in grommets allow for hanging, mounting or securing in any position. Each 6.5W, 12W and 25W solar charger comes with a 5 piece accessory kit and a 1-year limited warranty.



**6.5 WATT, 12V** solar charger offers a unique solution for reliable and portable solar power for cell phones, PDAs, MP3 players and other small personal electronics. The 6.5-watt weighs 7 ounces and when folded is compact, lightweight, easily stored and transported.

**Black / PN 22105 / Sold in cartons of 21**

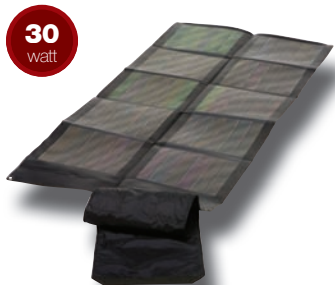


**12 WATT, 12V** solar charger offers a unique solution for reliable and portable solar power for handheld game consoles, satellite phones, GPS, portable battery packs, etc. The 12-watt weighs 11 ounces and when folded is compact, lightweight, easily stored and transported.

**Black / PN 22110 / Sold in cartons of 21**

**25 WATT, 12V** solar charger offers a unique solution for reliable and portable solar power for charging car, RV, or boat batteries, etc. The 25-watt weighs 26 ounces and when folded is compact, lightweight, easily stored and transported. (NOTE: A solar charge controller is recommended with this product!)

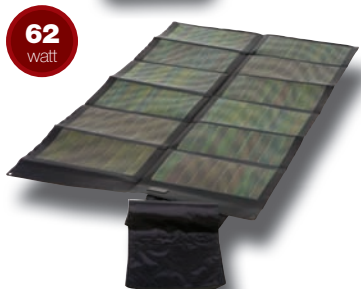
**Black / PN 22127A / Sold in cartons of 12**



The 30W and 62W solar chargers, built to mil-spec standards, are designed for low maintenance and rugged durability. The SAE plug provides simple attachment to a load. Includes built-in blocking diode to prevent draining batteries. Built-in grommets allow for hanging, mounting or laying in any position. (NOTE: A solar charge controller is recommended with this product!) Accessories not included; each 30W and 62W solar charger comes with a 2-year limited warranty.

**30 WATT, 12V** solar charger offers a unique solution for reliable and portable solar power for satellite phones, GPS, battery charging, laptops, recording and DVD equipment, etc. The 30W weighs 33 ounces and when folded is compact, lightweight, easily stored and transported.

**Black / PN 16008A / Sold in cartons of 5**



**62 WATT, 12V** solar charger offers a unique solution for reliable and portable solar power for charging battery packs, laptops, lighting, low-amperage 12-volt appliances, etc. The 62W weighs 55 ounces and when folded is compact, lightweight, easily stored and transported.

**Black / PN 16015A / Sold in cartons of 5**

# accessories (cables)

Many accessory cables are available to enable connection of single and multiple solar chargers to various electronic devices and batteries. Solar charge controllers regulate solar charging of 12V low maintenance lead-acid batteries (i.e. VRLA batteries such as AGM and gel cell).



**5 PIECE ACCESSORY KIT** Each cable has a standard SAE trailer plug on one end that plugs directly into the solar charger. The accessory kit includes: one 12V CLA receptacle, one 12V CLA plug, one 4 inch 2.5mmID barrel plug, one set of battery clamps and one 8 foot extension cable.

**PN 22700RC / Sold in packs of 12**



**CLA BARREL JACK ADAPTER** The CLA Barrel Jack Adapter cable is a 6 inch, 18 AWG zip cord cable with a 7-10 Amp rating. It has a 2.5mmID barrel jack on one end and a 12V CLA receptacle on the other.

**PN 28000RC / Sold in packs of 12**



**SAE BARREL PLUG ADAPTER** The Barrel Plug Adapter is a 4 inch, 18 AWG zip cord cable. It has a standard SAE two prong connector on one end and a 2.1mmID x 5.5mmOD barrel plug on the other end. The SAE plug connects directly to the solar panel and the barrel plug connects to various electronic devices and battery packs including the Tekkeon myPower All portable batteries (models MP3450 and MP3700).

**PN 28001RC / Sold in packs of 12**



**BARREL TO BARREL ADAPTER** The Barrel to Barrel Adapter is a 4 inch, 18 AWG zip cord cable. It has a 2.5mmID x 5.5mmOD barrel jack on one end and a 2.1mmID x 5.5mmOD barrel plug on the other end. This cable can be used to connect to various electronic devices and can be used with the 14.5 voltage limiter especially for satellite communication equipment.

**PN 28002RC / Sold in packs of 12**



**SAE Y-CABLE** Need more power? Use the SAE Y-Cable to connect two solar chargers together in parallel. This effectively doubles the power but the voltage remains the same. The 18 AWG SAE Y-Cable has two 3' ends that branch from a 1' SAE cable.

**PN 28003RC / Sold in packs of 12**



**EXTENSION CABLE** The Extension Cable is an 8 foot, 16 AWG, jacketed cable with a two-prong SAE trailer plug on each end. This cable connects to any of the accessory cables available in the 5 Piece Accessory Kit and plugs directly into the solar charger.

**PN 28007RC / Sold in packs of 12**



**iPod CABLE** The iPod Cable is a jacketed cable with a two-prong SAE trailer plug on one end and an iPod connection on the other. This cable connects to any iPod that uses a docking connector to charge. The SAE plugs directly into the solar charger.

**PN 22700-6RC / Sold in packs of 12**

# accessories (charge control)



**7 AMP SOLAR CHARGE CONTROLLER** The 7 Amp Charge Controller protects your 12V lead acid batteries from overcharge. This charge controller is to be used with any Global Solar charger over 12W and can handle up to 100 Watts of power. With the attached SAE trailer plug the 7 Amp Solar Charge Controller can connect directly to the solar panel and the remaining SAE trailer plug can connect to any one of the cables in the 5 Piece Accessory Kit. **PN 14598 / Sold in packs of 5**



**VOLTAGE LIMITER** The 14.5 Voltage Limiter is a high performance solar voltage controller designed to connect to Global Solar portable solar chargers and provide energy to applications where voltage limits are required. Unregulated solar panels have output voltages that range anywhere from 14-35 volts or higher. High or variable voltage can damage the charging input of sensitive devices. The 14.5 Voltage Limiter regulates the fluctuating voltage input by capping the voltage below a max peak of 14.5V on the output in order to safely charge sensitive devices. **PN 16707RC**



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