

Army Solar Charger



ARMY SOLAR CHARGER

Application: Outdoor charging for military applications.

Advantages:

- Foldable, flexible solar panel with eyelets on each side for proper securing
- Expansion ready to conveniently add additional solar panels if needed
- Easy to set up. Plug and play principle
- More low light (overcast) and high temperature tolerant than glass solar panels
- Delivers up to 15% more energy into the battery than glass solar panels
- Virtually unbreakable
- Water, hail and dust proof

Model No.	SP-030K
Peak Power	30W, Folding Type
Maximum power	30W
Solar Cell	CIGS
Voltage @ MPP Vmpp	20V
Current @ MPP Impp	1.5A
Folded size	243*183*50mm
Unfolded size	729*872mm
Weight	0.60kg
Output port	SAE(DC+USB)
Working temperature	-40 ~70 C

SP-090K

Model No.	SP-090K
Peak Power	90W, Folding Type
Maximum power	90W
Solar Cell	CIGS
Voltage @ MPP Vmpp	21.15V
Current @ MPP Impp	5.3A
Folded size	350*270*45mm
Unfolded size	1555*1062*2mm
Weight	1.73kg
Output port	SAE(DC+USB)
Working temperature	-40 ~70 C

SP-027

Model No.	SP-027K
Peak Power	27W, Wrapping Type
Maximum power	27W
Solar Cell	CIGS
Voltage @ MPP Vmpp	16.5V
Current @ MPP Impp	1.64A
Dimension	750*450*1mm
Unfolded size	1555*1062*2mm
Weight	0.45kg
Output port	SAE(DC+USB)
Working temperature	-40 ~70 C

Features:

Foldable and portable, without any burden Low light power output Wide compatible DUAL USB output Extra thin to 1mm Light and small Green technology, CIGS thin film solar cell Keep a stable output between -20 and +50 celsius degree, beyond the shackles of temperature, calm generation Anti UV, waterproof, self-cleaning, easy to wipe and maintain.

Our flexible thin film solar cells are based on the most advanced CIGS (Copper Indium Gallium diSelenide) technology.

Our innovated roll-to-roll production process delivers lightweight and flexible photovoltaic (PV) material, CIGSs are very well positioned in the field of PV technologies with present record efficiency for small cells of 22.3 % and for production size modules of 16.5 %.

It is also known for its economical, ecological advantages, including highest energy yield at different light conditions; large scale availability of raw materials and no environmental risk from hazardous materials. We partner with industry leading brands to develop various applications in solar field. Flex solar panels are ideal for bug out bags and other outdoor activities due to their being exceptionally portable, lightweight, durable and efficient. Their flexibility makes for a variety of possibilities in terms of how they can be set up, throw it on a tent, hang it from a tree, backpack or just roll it out in the ground. Most monocrystalline panels I've seen are too heavy to be thrown over shelter setups like tents, or too awkward or inefficient in variable light conditions to be effectively mounted to a backpack when mobile, and Armed Forces personnel requiring the smallest, lightest, highest power density portable solar chargers in support of mobile forces operating in austere environments. Our products scale to meet the mission's portable power needs and are reliable to use again and again. We deliver these products in a timely, cost-effective manner and support their use until no longer needed or functional.



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Product link : <https://www.sinolsolar.com/army-solar-charger.html>