

Jackery

Model: JS-80A

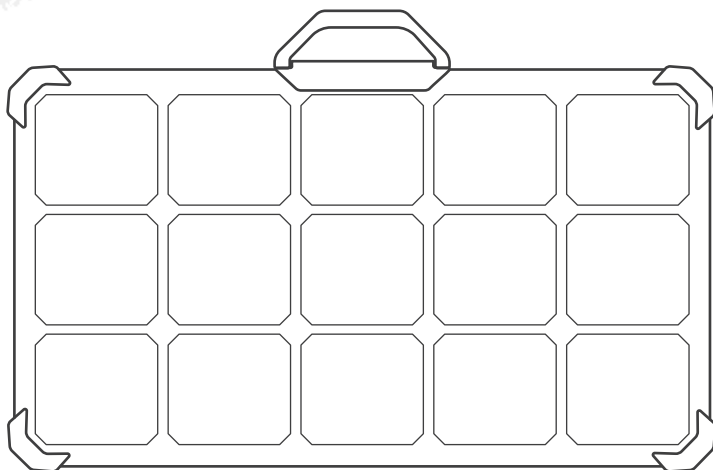


Image is for reference only

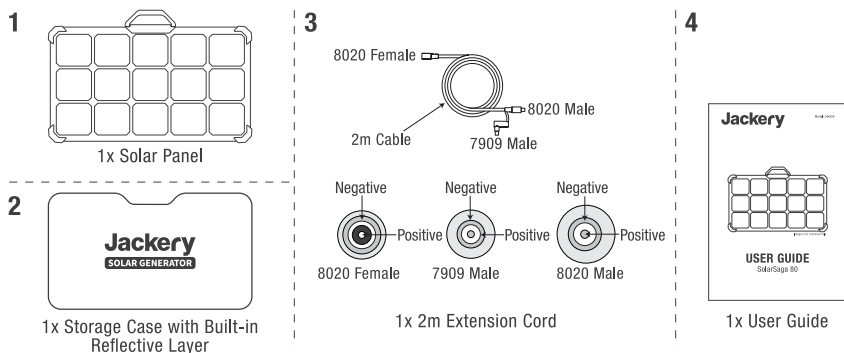
USER GUIDE

SolarSaga 80

TECHNICAL PARAMETERS

Product Name	SolarSaga 80	
Model	JS-80A	
Operating temperature range	-10-65°C (14-149°F)	
Dimensions	906x528x27mm	
Product weight	5.1kg	
Electrical Data	STC	BNPI
Peak power (Pm)	80W±5%	86W±5%
Open circuit voltage (Voc)	27.2V±5%	27.5V±5%
Short circuit current (Isc)	3.65A±5%	4.0A±5%
Power voltage (Vm)	22.2V	22.5V
Power current (Im)	3.55A	3.75A
Maximum system voltage	80V	
Maximum reverse current	6.1A	
Protection class against electric shock	Class II	
Bifaciality coefficient (back/front)	Pm: ≥70%, Voc: ≥97%, Isc: ≥70%	
Consumer goods category	IEC TS63163 Consumer product category 2	
Max quantity in series	2	
Max quantity in parallel	3	
Unfold the bracket and stand on the flat surface. Design loading 1600Pa with 1.5 times safety factor.		
STC (1000W/m ² , 25°C, AM 1.5). BNPI (Front 1000W/m ² , Rear 135W/m ² , 25°C, AM 1.5).		

IN THE BOX



METHOD OF APPLICATION

① The product has two ports compatible with different types of outdoor power products:

* DC8020 port applies to Jackery outdoor power supply E1000Pro/1500/2000Pro.

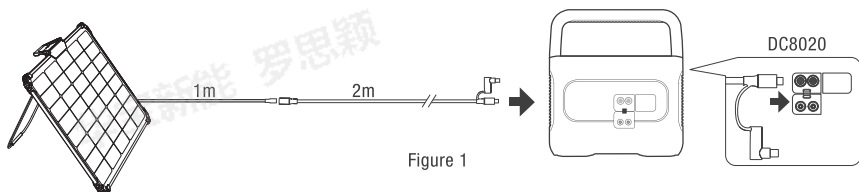
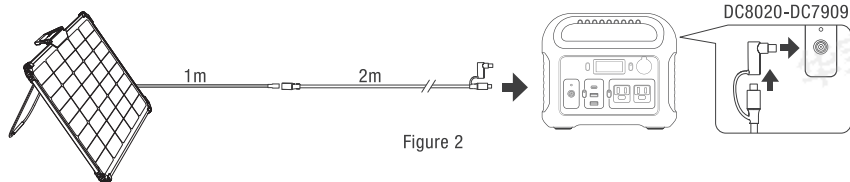


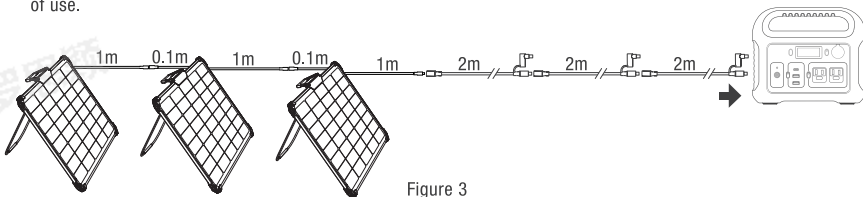
Figure 1

* DC8020-DC7909 port applies to Jackery outdoor power supply E160/240/300/500/1000.



② The product supports parallel connection of up to 3 solar panels (Figure 3). Parallel connection of more than 3 solar panels may cause cable heating and product damage.

* Extension cord: A 2m extension cord is equipped. Several extension cords can be connected to extend the scope of use.



TWO-SIDE POWER GENERATION TECHNOLOGY

A reflective lined storage bag is provided for the product to improve power generation efficiency through reflecting light. The sun angle changes during the day, and the reflective angle can be adjusted by sticking the magic tape.

To avoid blowing down the product, use the mode in Figure 4 in light or calm conditions. When the wind speed is high, it is recommended to use the mode in Figure 5.

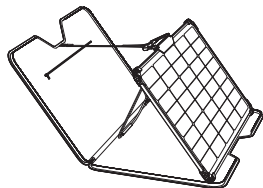


Figure 4

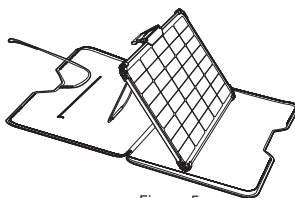


Figure 5

SAFETY TIPS

- * Do not flex or bend the folding solar panels.
- * Do not place folding solar panels in shading places, while tree shades, buildings, and any other obstructions should be minimized.
- * Do not soak the solar panels in water or other liquid.
- * Do not clean the solar panel with water, please gently wipe it with a damp cloth.
- * Do not use or store solar panels near open flames or flammable materials.
- * Do not scratch the surface of solar panels with sharp objects.
- * Prevent corrosive substances to damage solar panels.
- * Do not step on or place heavy objects on the solar panels.
- * Do not disassemble the solar panels.
- * The output circuit of the solar panels must be correctly connected to the equipment. Please do not short-circuit the positive and negative poles. Ensure that there is no gap between the connector and the insulated connector. If there is a gap, sparks or electrical shocks will occur.
- * Check the connection status of each component, including cables, wires and plugs.

* The product can not be used by fixed installation, please put the portable solar panels away while wind, hail and other bad weather to avoid product damage or other dangers.

* Risk of electric shock caused by product damage.

* Under normal conditions, a photovoltaic module is likely to experience conditions that produce more current and/or voltage than reported at standard test conditions. Accordingly, the values of Isc and Voc marked on this module should be multiplied by a factor of 1,25 when determining component voltage ratings, conductor current ratings, and size of controls connected to the PV output.

* If the module is damaged it could create an electrical shock or fire hazard.

WARRANTY

The product is covered by a limited warranty from Jackery for the original purchaser that covers the product from defects in workmanship and materials for 36 months from the date of purchase (damages from normal wear and tear, alteration, misuse, neglect, accident, service by anyone other than authorized service center, or act of God are not included).

During the warranty period and upon verification of defects, this product will be replaced when returned with proper proof of purchase.

FREQUENTLY ASKED QUESTIONS

Q: What kind of battery can be charged by these solar modules?

- 1, Jackery Explorer series
- 2, Sealed lead-acid battery
- 3, Colloidal lead-acid batteries
- 4, The open lead-acid batteries

Q: How to clean the solar surface?

Dust and dirt on the surface should first be removed using a soft brush. Use a damp cloth to wipe the surface of the solar module to remove any remaining dust or dirt. Any guano or other adhesive should be removed as soon as possible from the solar surface to avoid a reduction in performance.

Q: Is this product waterproof?

The waterproof level of this product is IP68. This product can prevent daily water splashing. Please keep the product dry on a daily basis to ensure its service life.

ASSEMBLY INSTRUCTIONS

These shall be provided with a product shipped in subassemblies and shall be detailed and adequate to the degree required to facilitate complete and safe assembly of the product.

CONTACT US

For any inquiries or comments concerning our products, please send an email to hello@jackery.com, and we will respond to you as soon as possible. If there is any quality related issue with the product, you may request a replacement or refund by submitting a request form at www.jackery.com/support/.

CUSTOMER SERVICE

 36 - month limited warranty

 Lifetime technical support

JACKERY AUSTRALIA PTY LTD

Address: 39 ANTIBES ST PARKDALE VIC 3195

Mail: hello@jackery.com

Website: www.jackery.com