

Portable foldable solar panel EcoFlow 45W (USB-C)



Model: EFSOLAR45-TYPE-C

Manufacturer: ECOFLOW

EAN: 4895251628679

Product Code: 1291800

R2,510

Portable foldable solar panel EcoFlow 45W (USB-C)

The EcoFlow 45W foldable photovoltaic panel with USB-C (Universal Serial Bus Type C - a universal connector for charging and data transfer) enables fast charging of electronic devices and power stations from the EcoFlow RIVER 3 and RIVER 2 series. It achieves efficiency of up to 25%, and is comparable in size to a laptop when folded. IP68 compliance means full dust and water resistance.

Direct device charging

The USB-C port allows direct connection of phones, powerbanks, laptops or air pumps without the need for a power station. The panel charges devices from 0 to 80% in the following time: a smartphone (4500 mAh) in about 2.4 hours, a camera (1120 mAh) in 18 minutes, and a laptop (4380 mAh) in 1.2 hours, ensuring convenient use in any situation.

The product information provided is for reference purposes only. Technical specifications, photos, descriptions and prices may change without prior notice. The manufacturer and seller are not responsible for possible data discrepancies or typographical errors. We recommend checking the current information before purchasing.

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High conversion efficiency

Enjoy shorter charging times and greater independence from traditional energy sources. Thanks to TOPCon (Tunnel Oxide Passivated Contact photovoltaic cells - a technology that increases the efficiency of the cell through better energy flow and less losses), the panel achieves up to 25% efficiency. As a result, the EcoFlow RIVER 3 station can take only 6.3 hours to charge (in full sunlight).

Lightweight and compact

The four-segment design allows for easy folding and transportation. When folded, the panel resembles the size of a laptop, allowing it to be conveniently stored in a backpack, SUV trunk or camper drawer. The product weighs only 1.4 kg, so it is not a burden when traveling.

Durability in harsh conditions

The panel's housing is made of layers of ETFE (Ethylene Tetrafluoroethylene - a durable fluoropolymer film with high UV and weather resistance) and fiberglass PCB (Printed Circuit Board - a laminated board with a conductive layer, used in electronics for stable assembly of components), which guarantees resistance to impact, wind and contact with water. IP68 certification means full protection from dust and resistance to immersion in water, making the panel a reliable companion on expeditions.

Suspension capability

The panel can not only be unfolded on the ground, but can also be hung on a car, tent or backpack using the 4 built-in mounting holes and the included hooks. Charging as you move allows you to make the most of your time and access to the sun.

Optimized performance

TOPCon cells are distinguished by lower power losses at high temperatures (up to 16.7% less than standard panels), longer life and no performance degradation over time (no photovoltaic degradation). The panel also works better in low-light conditions, extending the daily energy

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production time by up to an hour.

Included:

- Portable foldable photovoltaic panel 45 W.
- DC5521 charging cable for XT60i
- Mounting hooks x4
- User manual

Manufacturer	EcoFlow
Manufacturer code	EFSOLAR45-TYPE-C
Rated power	45 W
Efficiency	Up to 25%
Short-circuit current	2,06 A
Open circuit voltage	25,6 V
Cell type	N-Type monocrystalline silicon with TOPCon technology
Dimensions when unfolded	980 x 309 x 16 mm
Dimensions when folded	222 x 309 x 40 mm
Weight	1.4 kg
Waterproof certification	IP68
Type: Foldable , Rated voltage (V): 25.6, Rated power (W): 45, Rated current (A): 2.06, Built-in charge controller: Yes, Weight (kg): 1.6, GPSR Link: https://psr-assets.innpro.pl/energy/sg_energy_photovoltaiv_panels.pdf , Gross weight: 1900, Net weight: 1900, Box length: 22,20, Box width: 30,90, Box height: 4,00, test: Przenośny składany panel fotowoltaiczny EcoFlow 45W (USB-C)	