

A large, foldable solar panel with a grid of blue cells and black frames. The brand name 'NITECORE' is printed in yellow on the black frames. The panel is set against a background of white circuit board traces on a light grey surface.

NITECORE®

FSP100

100W Foldable Solar Panel

Smart Voltage Stabilizing Technology

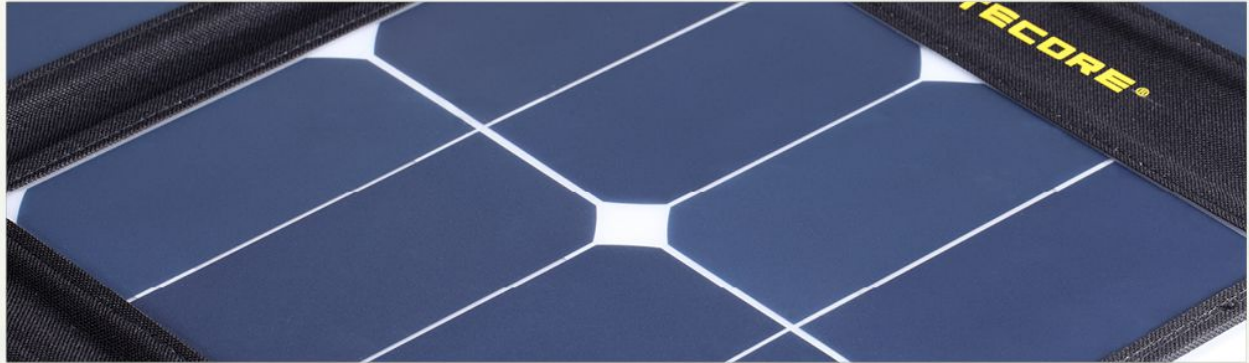
The voltage stabilizing module can regulate the output voltage according to different weather situations to guarantee a stable output and a safe charging process for the devices.

NITECORE®

FSP100

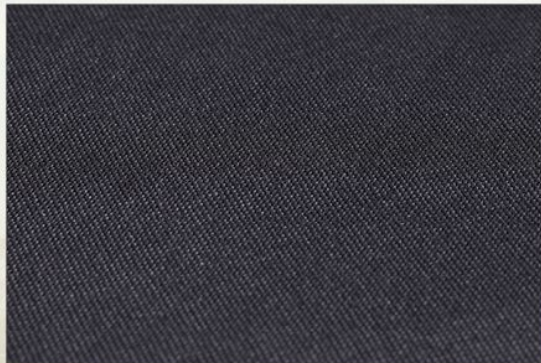
100W Foldable Solar Panel

An Outdoor Must-have



Highly Translucent TPU Panels

Provide an excellent mildew and water resistance



High Density Waterproof Fabrics

Offer a wearproof and stain resistant performance



Ergonomic Handle

Ensures an easy and comfortable grip

NITECORE®

FSP100

100W Foldable Solar Panel

Outdoor Activities

Enjoy an unlimited power off the grid and on the go.



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NITECORE®

FSP100

100W Foldable Solar Panel

Road Trip Adventures

Power up your journey while you are on the move.



NITECORE®

FSP100

100W Foldable Solar Panel

Specifications

Dimensions:

Unfolded: 58cm × 143cm × 2.5cm (22.8" × 56.3" × 1.0")

Folded: 29cm × 34cm × 7cm (11.4" × 13.4" × 2.8")

Weight: 2.1kg (4.6lbs)

Panel Number: 8

Cell Efficiency: 24%

Operating Current: DC Output 5.4A

Operating Voltage: DC Output 18V (MAX)

Total Output Power: 100W (MAX)

Output Ports: 7.9*5.5mm, USB-A × 2, USB-C

USB-A Output: 5V=3A

USB-C Output: 5V=3A

} (Total 3A MAX)

Packing List

FSP100 * 1

Hook-and-loop Fastener * 8

34cm
(13.4")

29cm(11.4")



58cm (22.8")

143cm
(56.3")



NITECORE®



FSP100

100W Foldable Solar Panel

2.1kg (4.6lbs) Light Weight



NITECORE®
FSP100
100W Foldable Solar Panel

Outstanding Cell Efficiency of 24%

The FSP100 has a cell efficiency 60% higher than conventional solar panels. The monocrystalline silicon can also achieve a stable energy conversion even in an overcast day.



*The stated data is tested in the NITECORE Lab and for reference only.

NITECORE®

FSP100

100W Foldable Solar Panel



100W

Speedy Charge

When the sunlight is sufficient, the FSP100 offers a consistent and limitless power supply in the outdoor environment combined with NITECORE NPS Series Portable Outdoor Power Stations.

Charging Time



NPS200
min. 2h



NPS400
min. 4.5h



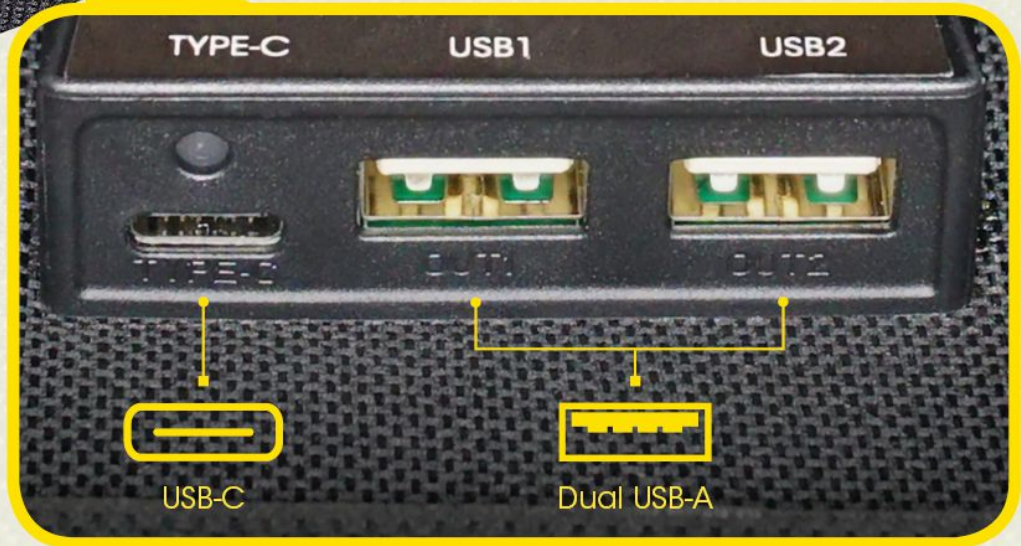
NPS600
min. 6h

* The charging time depends on the sunlight intensity, temperature, etc.

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NITECORE®
FSP100
100W Foldable Solar Panel



Multiple Output Ports Available

Besides a DC port for the NITECORE NPS Series Portable Outdoor Power Stations, the FSP100 is equipped with 2 x USB-A ports and 1 x USB-C port for full compatibility of various devices. With sufficient sunlight, it enables multiple simultaneous and high-speed output for all your equipment.

NITECORE®

FSP100

100W Foldable Solar Panel

Optimized Portability

With a light weight of only 2.1kg (4.6lbs), the FSP100 can be folded to a compact size similar to a laptop, ideal for one-hand carry and long-term storage.

