

BSP-28 : 28 Watt Foldable Solar Panel by Bioenno



Price: CAD \$149.00

SKU: BBBSP-28

Product Categories: [Folding Crystalline](#), [HAM Radio](#), [In The Field](#), [On The Trail](#), [Packable](#), [Pop Picks For Backpacking](#), [Shop](#), [Solar Modules](#), [USB Solar](#)

Product Tags: [12v](#), [18v](#), [bioenno bsp-28](#), [bioenno bsp-28 canada](#), [bioenno solar](#), [bsp-28](#), [bsp-28 canada](#), [canada](#), [folding solar panel](#), [portable solar](#), [solar charger](#), [usb](#)

Product Page:

<https://www.modernoutpost.com/product/bsp-28-28-watt-foldable-solar-panel-by-bioenno/>

Product Summary

The BSP-28 28 Watt Foldable Solar Panel by Bioenno is a powerful portable solar solution that work with most portable battery packs. It's Bioenno's most popular monocrystalline solar panel featuring both USB and 12V output. Plug your personal electronics directly into the panel's USB port, or connect the 18V output cable to

your 12V battery pack. A very handy power solution for mobile offices, outdoor recreation, and family camping.

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Please note: This Solar Panel DOES NOT include a Solar Charge Controller. Only Cellphones, Tablets, and other personal electronic devices charging at 5V can be attached directly to panel - Solar Charge Controller is sold separately. Always use a suitable Solar Charge Controller when charging a battery pack that doesn't have a built-in input regulator. BSP-28 User Manual [PDF BSP-28 Specifications

Maximum Power: 28W

DC Output Maximum Voltage: 15-18V

DC Output Maximum Current: 1.55A

DC Output Connector : 5.5 x 2.1mm Barrel

USB Output Maximum Voltage: 5V

USB Output Maximum Current: 2.1A

*Chained DC Output Maximum Voltage: 15-18V

*Chained DC Output Maximum Current: 4A

Dimensions Folded:(L x W x H) 12 in. x 9.5 in. x 1 in. (304 mm x 241 mm x 25 mm)

Dimensions Unfolded: 48 in. x 12 in. x 0.22 in. (1219 mm x 305 mm x 6 mm)

Weight: 3.4 lbs. (1.5 kg.)

Temperature Range: -4°F ~ 122°F (-20°C ~ 50°C)

BSP-28 Connectivity...

This solar panel provides both a USB port, and a raw DC connector.

Use the USB port to charge any USB device or battery.

Use the DC output cable to charge "12V" lithium battery packs from [Bioenno](#), [RELiON](#),] and other brands. To do this, you will need...

[DCPLUGFEMALE](#)](solar panel DC barrel plug to bare wires)

[MC4 Connectors](#)](standard solar connector, and fits the input on the following charge controller...

[Charge Controller \(we recommend this one for this panel\)\]](#)

We can attach the MC4 connectors to the output wires for you. This connects to the MPPT charge controller, whose output is in the form of Anderson PowerPole terminals. These Anderson connectors then connect to most of the Bioenno batteries (which have Andersons pre-installed).

If you are working with a small Bioenno battery that has a 5.5mm barrel input, then you will need the following [APP45-to-DC](#)] on the output of the charge controller...

Want to use a different battery? Need to figure out how to connect A to B? We can help! Send us the details, and we'll set you up with what you need.

Product Attributes

- Dimensions: 1 × 1 × 1 cm
- Weight: 1.9 kg

Product Gallery

