



Battle Born®

200W 12V Portable Solar Panel

Model: BBPV-12-200FLD

The **Battle Born® 200W 12V Portable Solar Panel** makes solar charging simple, portable, and efficient. Built with premium Grade A monocrystalline cells, it delivers 22.5% conversion efficiency—strong performance that means you get more power from a smaller footprint.

With a lightweight, four-panel folding design, the BBPV-12-200FLD is easy to carry, set up, and store. Integrated cabling with MC4 connectors allows quick plug-and-play connection to most 12V systems, while its compact folded size makes transport convenient. Whether you're powering an RV, boat, or off-grid adventure, this panel is designed for reliable solar energy wherever you need it.

200W

Power Output

22.5%

Cells Efficiency



Key Features

High-Efficiency Output

Premium monocrystalline cells provide 22.5% efficiency for maximum energy harvest.

200W Power Delivery

Consistent charging at 17.1V (Vmp) and 11.7A (Imp).

Lightweight & Portable

Just 19.6 lbs, designed for easy carry and setup.

Folding Design

Packs down to 23.3 × 23.1 × 3.2 in. and unfolds to 88 × 23.1 × 1 in.

Easy Setup

Quick deployment with MC4 connectors and 14 AWG cabling.

Durable Build

PCB + fabric backplane for reliable, long-term use.

All-Weather Performance

Operates reliably from 14°F to 149°F (−10°C to ~65°C).

Warranty Protection

Backed by a 1-year manufacturer warranty.

Battle Born®

200W 12V Portable Solar Panel

Model: BBPV-12-200FLD

Electrical Characteristics

Power Output W	200W
Voltage MPP V_{mp}	17.1V
Current MPP I_{mp}	11.7A
Voltage Open Circuit V_{oc}	19.8V
Short Circuit Current I_{sc}	12.3A
Operating Temperature	-14°F to ~149°F -10°C to ~65°C
Electrical Characteristics	BBPV-12-200FLD
Temperature coefficient of V_{oc}	-0.28%/°C
Temperature coefficient of I_{sc}	0.048%/°C
Temperature coefficient of power	-0.35%/°C

STC: 1000W/m² Irradiance, 25°C module temperature, AM1.5g spectrum according to EN 60904-3

Specifications

Cells	Monocrystalline Silicon	Weight	19.62 lbs.
Solar Cells Grade	Class A High Efficiency	Backplane Material	PCB+Fabric
Folding Method	4 Fold	Cable	14AWG
Folded Dimensions	23.27" x 23.15" x 3.23"	Connector	Compatible with MC4
Unfolded Dimensions	87.99" x 23.15" x 0.98"		

