



# IQ Portable Panel

Powerful, durable, and easy to carry, the IQ Portable Panel charges the IQ PowerPack 1500 from the sun, providing an independent source of renewable energy at home, while at work, or when traveling off the grid.

The 200 W, ETFE<sup>1</sup>-coated, IQ Portable Panel features a unique s-shaped interconnection design using monocrystalline silicon (mono c-Si) cells to capture solar energy. This design makes the panel more robust, damage-resistant, and helps maintain output power, even when invisible microcracks develop from wear and tear over the years.

Backed by a 5-year limited warranty, the panel is compact, portable and comes with an easy-to-carry solar panel jacket, a pouch to store cables and other accessories, three built-in support legs for stability, a Solar Cable Disconnect Tool, and six Stakes to secure the panel to the ground.



## Powerful and versatile

- Adds solar generator capability to the IQ PowerPack 1500.
- Engineered to perform better than average panels even under low light conditions, including low sun angle and shade.
- Patented grid design maximizes output per unit of solar illumination.
- Two panels can be connected in series to deliver up to 400 W of charging power.

## Rugged and portable

- Stands up to harsh environments and heavy-duty use.
- Sturdy, built-in support legs and carry handle; compact design folds down for storage and transportation.
- ETFE surface minimizes UV degradation and resists soiling.
- Metallic grid design provides structural protection and greatly reduces cell cracks and ribbon fatigue.

## Leader in safety and reliability

- Designed and tested to IEC 63163, the foremost standard for solar panel safety and reliability.
- Exceeds requirements to pass wet leakage current test, protecting from corrosion, ground fault, and electric shock hazard.
- 50 times more durable than the panels with busbar technology.
- Backed by a 5-year limited warranty.

# IQ Portable Panel

MODEL NO.	
PES-PSP-200	IQ Portable Panel to charge IQ PowerPack 1500 from sunlight
PHYSICAL CHARACTERISTICS	
Dimensions (folded) (L × W × H)	29.0 in × 23.0 in × 1.2 in (737 mm × 584 mm × 30 mm)
Dimensions (unfolded) (L × W × H)	29.0 in × 76.0 in × 0.3 in (737 mm × 1930 mm × 8 mm)
Weight	20.9 lb (9.5 kg)
Color	Black
Portable	Yes; foldable with easy-to-carry solar panel jacket
Support legs	3
Surface	UV-resistant ETFE fabric
ELECTRICAL CHARACTERISTICS (STC) <sup>2</sup>	
Cell type	PERC <sup>3</sup> monocrystalline
Number of cells	72
Rated power (P <sub>max</sub> )	200 W
Voltage at P <sub>max</sub> (V <sub>mp</sub> )	19 VDC
Current at P <sub>max</sub> (I <sub>mp</sub> )	10 A
Open circuit voltage (V <sub>oc</sub> )	24 VDC
Short circuit current (I <sub>sc</sub> )	11 A
Cell efficiency	23%
Temperature coefficient of P <sub>max</sub>	-0.42
Temperature coefficient of V <sub>oc</sub>	-0.33
Temperature coefficient of I <sub>sc</sub>	0.05
Optimal operating temperature	-40°F to 185°F (-40°C to 85°C)
Connector type	MC4
WARRANTY	
Limited warranty	5 years
ACCESSORIES	
Included	Solar Charging Cable Solar Cable Disconnect Tool Stakes
Optional (buy separately)	Solar Extension Cable - 16.4 ft (5.0 m) Solar Extension Cable - 32.8 ft (10.0 m)

1. ETFE: Ethylene tetrafluoroethylene

2. Standard Test Conditions (STC)—1,000 W/m<sup>2</sup> intensity, air mass 1.5, 77°F (25°C) cell temperature. Power tolerance is ±5% W at STC, and electrical characteristics are within ±10% unless otherwise specified.

3. PERC: Passivated Emitter and Rear Contact.

# Revision history

REVISION	DATE	DESCRIPTION
DSH-00636-2.0	December 2024	Updated the weight.
DSH-00636-1.0	November 2024	Initial release.