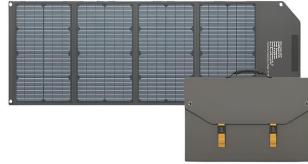


Foldable solar panel 36 V 200W



The **foldable monocrystalline 36V 200W solar panel** is a portable energy production solution designed to power electrical equipment independently. Compact, lightweight and easy to transport, it provides a renewable energy source directly in the field, even in isolated environments.

Thanks to its **high-efficiency monocrystalline** technology, this portable solar panel achieves an efficiency of **21%** to optimize the conversion of solar energy into electricity. It's the ideal solution for professionals who need reliable power for mobile operations, rescue operations, technical missions or work far from a power grid.

A mobile solar solution for autonomous energy cases

Combined with **portable VAL22024 and VAL22026 energy cases**, the 200W folding solar panel considerably extends the autonomy of electrical and electronic equipment.

In favorable summer conditions, it can recharge up to **75% of a 1360 Wh energy case in a single day**, offering a high-performance solution for maintaining on-site operational capacity.

This energy autonomy meets the needs of professionals working in demanding sectors:

- Emergency services and civil protection
- Industry and field maintenance
- Public works and isolated sites
- Temporary sites without a power supply
- Mobile applications requiring reliable energy

Why choose a foldable monocrystalline solar panel?

Unlike traditional fixed solar panels, a **foldable solar panel** offers great freedom of use. Its design enables easy transport, rapid deployment and temporary installation without the need for a permanent infrastructure.

Monocrystalline technology offers excellent energy efficiency, even in less favorable light conditions. This performance makes it possible to achieve greater electrical output with a smaller footprint, an essential advantage for professional mobile applications.

With its foldable format, low weight and quick connection, this solar panel is perfectly suited to users looking for a robust, self-contained solution that's easy to install.

Technical specifications of the 200W foldable solar panel

- **Maximum power:** 200W \pm 3
- **Technology:** monocrystalline solar cells
- **Efficiency:** 21
- **Voltage at maximum power (Vmp):** 36V
- **Current at maximum power:** 5.55A
- **Open-circuit voltage (Voc):** 43.2V
- **Short-circuit current (Isc):** 5.8A
- **Operating temperature :** -10°C to +60°C
- **Protection rating:** IPX4 (splash-proof)
- **Weight:** 7.6 kg
- **Dimensions folded:** 705 x 470 x 60 mm
- **Dimensions open:** 2086 x 705 x 25 mm
- **Connection:** 5-meter cable with MC4 connectors
- **Manufacturer's reference:** I PAN-P-200

MC4 connection for fast, secure installation

The solar panel features a **5-meter cable with MC4 connectors**. This standard, widely used in the photovoltaic industry, guarantees a reliable, secure connection that's ideal for mobile solar power systems.

This connector system makes it easy to connect to compatible equipment, and facilitates rapid deployment of a stand-alone power solution.

Versions available from MMF

- **Part no. 41667:** folding solar panel 36V 200W only
- **Part no. 41668:** set of 2 folding solar panels 200W in series with connectors

Performance and durability over time

Designed for professional use, this solar panel portable retains over **90% of its power after 10 years of use**. It also comes with a **3-year manufacturer's warranty**, guaranteeing a reliable solution for mobile energy needs.

Its rugged design and compact size mean it can be used regularly in the field, and is easy to transport and store between operations.

MMF: autonomous energy solutions for professionals

MMF selects technical equipment adapted to the constraints of professionals working in intervention, industry, safety and demanding environments.

With its range of **foldable solar panels, autonomous energy cases and mobile power solutions**, MMF supports users seeking energy available everywhere, without permanent dependence on the power grid.

MMF

Protection et Sécurité
