

1W Voltaic Project Solar Panel



Price: CAD \$24.99

SKU: VCPANEL-1W

Product Categories: [Projects](#) : [Crystalline](#), [Solar Modules](#), [Supply](#)

Product Tags: [1 watt](#), [1 watt solar panel](#), [1w](#), [canada](#), [hobby](#), [school](#), [small](#), [Solar Module](#), [solar panel](#), [voltaic](#), [voltaic systems](#)

Product Page: <https://www.modernoutpost.com/product/voltaic-1-watt-solar-panel/>

Product Summary

The 1W Voltaic Solar Panel. Ideal for high school solar education projects. It's lightweight, waterproof, and designed for long term outdoor use in any environment. The panel uses high-efficiency monocrystalline solar cells, and is UV- and scratch-resistant.

Product Description

The 1W Voltaic Solar Panel. Ideal for school solar education, remote sensor equipment, and countless DIY projects. This 1W solar panel provides 6 Volt output, so it integrates perfectly with USB systems. It is lightweight, waterproof, and designed for long term outdoor use in any environment. The panel uses high-efficiency monocrystalline solar cells, and is UV- and scratch-resistant.

1W Voltaic Solar Panel Features - Waterproof (IP67) - UV resistant (10+ year life) - Durable and lightweight - High efficiency monocrystalline cells: 19% - Embedded screws for easy mounting **Size and Weight** - 3.5" x 4.4" x 0.2" (8.9cm x 11.3cm x 0.5cm) - 2.5 oz. (71g) **Output** - Open Circuit Voltage: 7.7V - Peak Voltage: 6.5V - Peak Current: 180mA - Peak Power: 1.2W - Power Tolerance: +/-10% - For maximum power output, orient the panel towards the sun **Construction** - Urethane coating - 3mm aluminum-plastic composite substrate **Mounting** - Four embedded screws: 4-40 thread, 0.18" long [0.46cm

Attach to a vertical pole using [Small Panel Bracket](#)] - Attach to a metal surface using magnet mounts **Output Cable** - Cable Length: 10.2" (26cm) - Cable Color: Red PU Coated - Plug: Waterproof Male 3.5x1.1mm

Extend the cable length using [1 foot](#),] [4 foot](#),] and [10 foot](#)]extension cables

Or solder directly to a PCB using [extension with exposed leads](#)] **Warranty** - 2 year warranty on solar panels

Product Attributes

- Dimensions: 1 × 1 × 1 cm
- Weight: .3 kg