

# 1W Tough Solar Panel by Voltaic (P101C)



Price: CAD \$34.29

SKU: VCPANEL-1W

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

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 rugged 1W 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.

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**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 &times; 1 &times; 1 cm
- Weight: .3 kg