seeed studio

INDUSTRIAL PRODUCT DATASHEET

High-efficiency Waterproof PV-12W Solar Panel, w/ Brackets for Easy Installation

A high-efficiency robust 12W solar panel to supply power to various application scenarios such as smart agriculture and smart city.

SKU	UPDATED	PRICE
114992711	2026-11-11 06:45:03	$65.00(Excl. VAT)



Overview



A high-efficiency robust 12W solar panel to supply power to various application scenarios such as smart agriculture and smart city.

Key Features

01 **Mono Cel Solar Cells**

02 **Working temperate from -20°C to 70°C**

03 **Peak Power**

12W

04 **Durable**

suitable for long-term outdoor applications

05 **Robustness**

the sturdy frame protects the solar panel from deformation

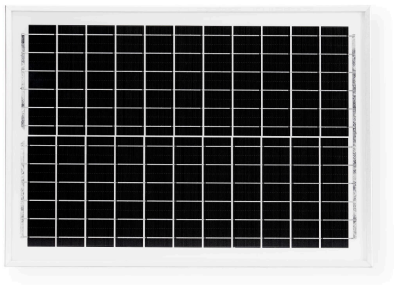
06 **Easy installation**

comes with a bracket

07 **Waterproof aviation connector： save your time and can directly connect the cable to a data logger**

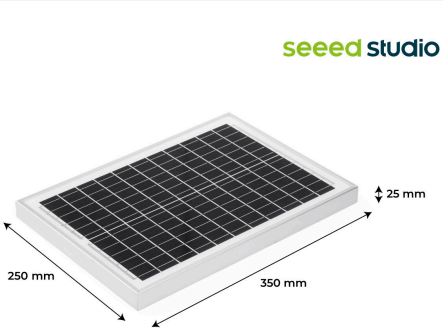
Product Gallery











Applications

- **Solar panels can be used where there is no power grid and enough sunlight to generate the necessary power for the sensor infrastructure.**
- **Environmental monitoring in remote areas like monitoring weather conditions in national parks or monitoring soil conditions on farmland are just some possible applications.**
- **Environmental Monitoring**
- **Agriculture**
- **Research**
- **Meteorological Monitoring**
- **Smart Home/ Garden/ Security Camera**
- **Other applications that needs 12W power supply**

Resource Links

- https://www.seeedstudio.com/Solar-Panel-PV-12W-with-mounting-bracket-p-5003.html
- Datasheet for PV-12W Solar Panel

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