



ECO-WORTHY

25W 18V

Mono Solar Panel



Product Overview

ECO-WORTHY 25W 18V solar panel is perfect for charging 12v battery or supply 12v small appliances such as gate opener, chicken coop, home security system battery.

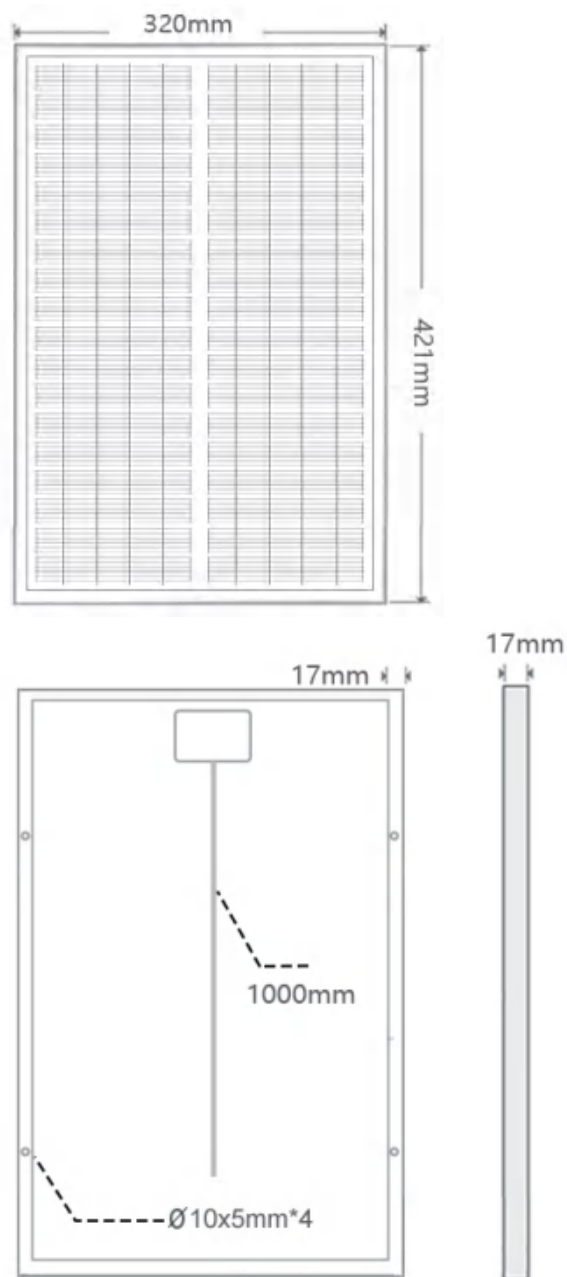
With monocrystalline cells inside, its electricity conversion efficiency can reach about 20%, much more than common poly ones.

The panel equipped with a 3m SAE connector cable . It can be easily settled and used in caravan, camper van, boat, house, garden, shed or farm.





Module Diagram:



Key Features:

- ▶ IP-65 waterproof junction box
- ▶ Durable aluminum frame
- ▶ Over 20 years lifespan
- ▶ Built-in diode to prevent reverse current
- ▶ High bearing capacity with tempered glass
- ▶ 3m SAE connector cable for long distance use

Electrical Data

| | |
|---------------------------|-----------------|
| Rated power | 25W |
| Solar cell | Monocrystalline |
| Maximum/Peak voltage(Vmp) | 18V |
| Open circuit voltage(Voc) | 22.41V |
| Short circuit current | 1.54A |
| Maximum current | 1.4A |

All specifications and data described in this data sheet are tested under standard test conditions (STC - Irradiance: 1000W/m², Temperature: 25 C, Air Mass: 1.5) and may deviate marginally from actual values.

Mechanical Data

| | |
|----------------------------|--------------------------------------|
| Size: | 421*320*20mm (16.5x12.6x0.7 inch) |
| Weight: | 0.75kg (3.0 lbs) |
| Front surface: | Tempered glass |
| Length of extension cable: | 100cm (39 inch) |
| Junction box waterproof: | IP65 |

Support

The manufacturer accepts no liability for any damage caused by:

- Force majeure including fire, typhoon, flood, earthquake, war, and terrorism.
- Intentional or accidental misuse, abuse, neglect or improper maintenance, and use under abnormal conditions.
- Improper installation, improper operation, and malfunction of a peripheral device.
- Contamination with hazardous substances, diseases, vermin, or radiation.

If you met technical problems and cannot find a solution, please contact ECO-WORTHY for further assistance.

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ECO-WORTHY reserves the right to change the contents of this manual without notice