



Monocrystalline solar panels 300 watt

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This high efficiency Photonic Universe 300W monocrystalline solar panel is perfect for permanent outdoor use to provide free electricity in any grid-tie, hybrid or off-grid application (such as charging batteries in vehicles or boats, or powering an off-grid house or cabin, or working with a grid-tie / hybrid inverter to feed energy into the electrical grid). Due to the size of the area that this solar panel covers it is great for large systems where the time and cost associated with fitting a high wattage array needs to be minimised.

In order to achieve high output this solar panel uses innovative 5 busbar solar cells, which are more efficient than the 2, 3 or 4 busbar solar cells used in other solar panels, and are able to extract more power from the same surface area. This results in a smaller overall solar panel for the same power rating.

On the back of the solar panel there is an IP68 (fully waterproof) junction box with 1m of special solar cable which can operate at high roof temperatures with minimum power losses. A pair of male / female MC4 compatible connectors are crimped on the end of the cable for easy connection to other solar panels, extension leads or your existing system.

The panel is encased in a robust 35mm thick frame made of anodized aluminium alloy for structural rigidity and many years of stable output. The waterproof design and non-corrosive materials ensure that the panel can be used in all weather conditions and locations, including marine applications where contact with sea water is likely.

Each individual solar panel is thoroughly tested to the highest quality standards, and labelled with a unique serial number for further quality control and increased warranty protection.

The product is covered by a 1 year workmanship warranty provided by Photonic Universe. We will repair or replace defective items at our discretion. For more information please refer to our Terms and Conditions.

In addition, solar cells are guaranteed to produce at least 90% of nominal power in 10 years after purchase and at least 80% of nominal power in 25 years after purchase. This warranty is provided by the manufacturer of solar cells.

This solar panel does not include an installation manual as it must be connected to further devices such as a solar charge controller or inverter which are supplied with a manual.

Please note: if the application of this solar panel is to charge batteries, it is essential that this solar panel is used with a suitable solar charge controller. We recommend the following types of solar charge controllers:

If you need help with installation or have any technical questions we can provide FREE support - please



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contact us by email or phone (see Contact Us page for more information).

Contact us for free full report

Web: <https://www.sumthingtasty.co.za/contact-us/>

Email: energystorage2000@gmail.com

WhatsApp: 8613816583346

