

ZM9152

40W Flexible Monocrystalline Solar Panel, 12V

Made with high efficiency solar cell

These monocrystalline solar panels can be easily mounted on the curved surfaces of your boat deck or caravan to charge on-board batteries. The flexibility of the solar cells is limited by the plastic base but will easily bend on the long axis to accommodate a yacht deck or RV roof. It is slightly flexible on the short axis. Best of all, these units do not have a heavy rigid frame and are therefore light, and easy to stow away when you travel.

The solar cells are implanted in very distinctive and highly resilient polymers that give durability. The flexible non-glass area of the solar panel is tough enough to walk on.

Electrical Parameters at Standard Test Conditions

Max Power	Pmax	40W
Max Power Voltage	Vmp	19.5V
Max Power Current	Imp	2.33A
Open Circuit Voltage	Voc	23.6V
Shot Circuit Current	Isc	2.05A
Module Efficiency		22.5%
Number of Cell in Series		32
Max Power Tolerance		±3%

Thermal Characteristics

Temperature coefficient of Pmax	-0.38%/°C
Temperature coefficient of Voc	-60.5mV/°C
Temperature coefficient of Isc	2.2mA/°C
NOTC	47°C +/-2°C
Operating Temperature	-20°C - +65°C

General Characteristics

Dimensions	535*415*3mm
Weight	750g

