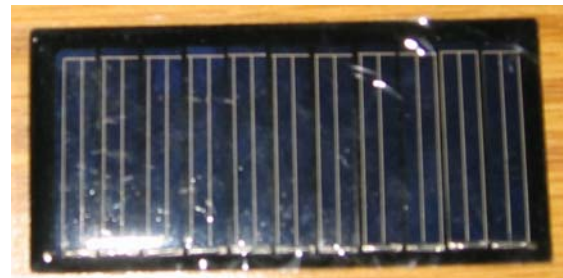


0.275Watt Photovoltaic Module

The 0.275w solar panel offers superior performance, durability, and reliability for a variety of electrical power requirements.

Technical Specification:

Performance	Data
Rated Power [Pmax]	0.275W
Power Tolerance	±5%
Nominal Voltage	3.6V
Limited Warranty	1year



Electrical Characteristics	Data
Maximum power [Pmax]	0.275W±0.005W
Voltage at Pmax [Vmp]	5.5V±0.3V
Current at Pmax [Imp]	50mA±3mA
Short-circuit current [Isc]	55mA±3mA
Open-circuit voltage [Voc]	6V±0.3V
Temperature coefficient of Isc	(0.065±0.015)%/ °C
Temperature coefficient of Voc	-(160±10)mV/ °C
Temperature coefficient of power	-(0.5±0.05)%/ °C
NOCT (Air 20 °C; Sun 0.8kW/m ² ; wind 1m/s)	47±2 °C
Maximum system voltage	1000V

Dimensions and Weight	Data
Length	79mm ± 0.10
Width	38mm ± 0.10
Depth	2.9mm ±0.10
Weight	13g



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Parts	Specification
Solar Cells	11 cells (31.25mm x 5.9mm)
Construction	Front: Wreath oxygen resin, Back: Glass Fiber Plank;

Note: During the stabilization process that occurs during the first few months of deployment, module power may decrease by up to 3% from typical Pmax.