

## Solar Panel - Monocrystalline Specifications

Model	<b>MG-PV-075M2</b>
Cell Type	Mono
Maximum Power (Pmax)	75 W
Open Circuit Voltage (Voc)	21.6 V
Short Circuit Current (Isc)	4.62 A
Rated Voltage (Vmp)	17.5 V
Rated Current (Imp)	4.28 A
Maximum System Voltage	DC 600 V
Voltage Temperature Efficiency	-0.33%/°C
Current Temperature Efficiency	+0.05%/°C
Power Temperature Efficiency	-0.23%/°C
Series Fuse	15 A
Fire Rating	Class C
Max Load	45 lb/ft <sup>2</sup>
Operating Temperature	-40 to +85°C
Dimension (mm)	765 x 666 x 35
Weight (kg)	6.5
Connector	MC4

### Warranty:

- Free from defects in materials and workmanship for 5 years
- 90% power output over 10 years, 80% power output over 20 years

Parameters are rated at Standard Test Conditions (Irradiance of 1000 W/m<sup>2</sup>, AM 1.5G, cell temperature 25°C). NOCT is measured at 800 W/m<sup>2</sup>, 20 °C ambient, and 1 m/s windspeed. Specifications are subject to change without notice. Microgreen reserves right of final interpretation and revision on this datasheet.



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