



GEPV-070-M & GEPV-065-M Solar Power Modules

- > **Solar Power**
- > **Solar Cells**
- Solar Modules
- > **Pre-Packaged Systems**

For Multipurpose Midrange Service

The rugged and reliable GEPV-065-M and GEPV-070-M solar power modules address the highly popular 70 and 65 watt multi-purpose power categories. Overall dimensions and mounting hole patterns are consistent with industry norms, allowing for easy installation using existing support structure designs.

Features & Benefits

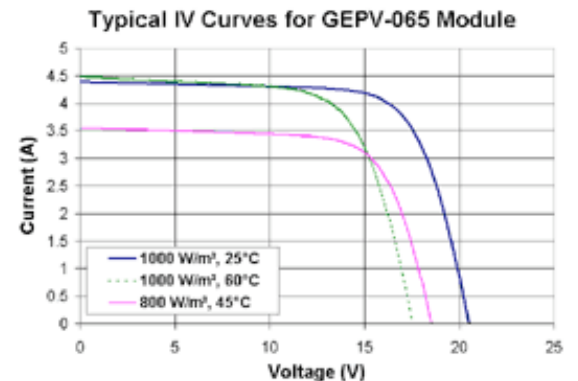
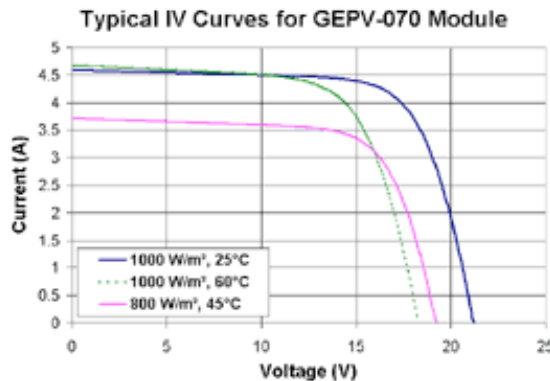
- Ideal for AC and DC installations up to 600 Vdc (nominal)
- Weather-resistant junction box allows for easy and safe field installation
- Dual low-loss bypass diodes for superior protection and minimum power loss when shaded
- Factory inspected to ensure quality and electrical performance
- Heavy duty anodized aluminum frame provides strength and convenient mounting access

Electrical Performance

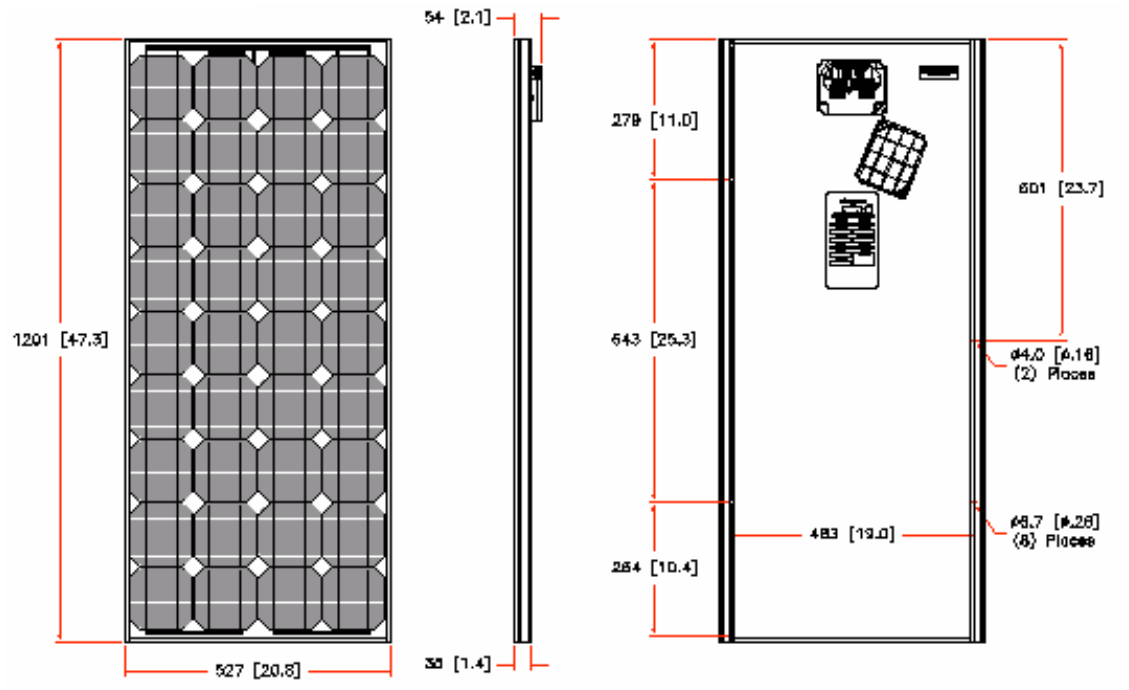
Typical Performance Characteristics

		GEPV-070-M	GEPV-065-M
Peak Power (Wp)	Watts	70	65
Maximum Power Voltage (Vmp)	Volts	16.7	16.3
Maximum Power Current (Imp)	Amps	4.2	4.0
Open Circuit Voltage (Voc)	Volts	21.2	20.5
Short Circuit Current (Isc)	Amps	4.6	4.4
Short Circuit Temperature Coefficient	mA/°C	+2	+2
Open Circuit Voltage Coefficient	V/°C	-0.08	-0.08
Maximum Power Temperature Coefficient	%/°C	-0.5	-0.5
Maximum Series Fuse	Amps	10	10

Standard test conditions: Irradiance = 1,000 w/m²; cell temperature = 77° F (25 °C); solar spectral irradiance per ASTM E892, rated power tolerance ±10 percent



Physical Characteristics



Typical Operational Specifications

Nominal Operating Cell Temperature	45 °C (Irradiance = 800 w/m ² ambient temperature = 20 °C; wind speed = 1 m/s)
Weight (Wind) Bearing Potential	50 lbs/ft ² (125 mph equivalent)
Hailstone Impact Resistance	1 inch at 50 mph (24 mm at 80 kph)
Weight	18.1 lbs (8.2 kg)
Dimensions	20.8 by 47.3 by 1.4 inches (527 by 1,201 by 35 mm)

Ordering Information

Call: (866) 750-3150 or (302) 451-7500
 > Contact us about solar products

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 Newark, DE 19702
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