

GEPV-165 165 WATT PHOTOVOLTAIC MODULE

FEATURES

- 54 monocrystalline cells connected in series
- Peak power of 165 Watts at 25.0 Volts
- Designed for optimum use in residential and commercial grid-tied applications
- 25-year limited warranty on power output, 5-year limited warranty on materials and workmanship*
- Pre-wired junction box with MC Connectors

BENEFITS

- Output power tolerance of +/-5% ensures module satisfies maximum rated power output
- Robust, lightweight, clear anodized aluminum frame with pre-drilled holes for quick installation
- Engineered for the most rugged of locations including those which experience hail, snow, and ice storms

CERTIFICATIONS

The GEPV-165 Module meets the following requirements:



UL-1703



IEC-61215

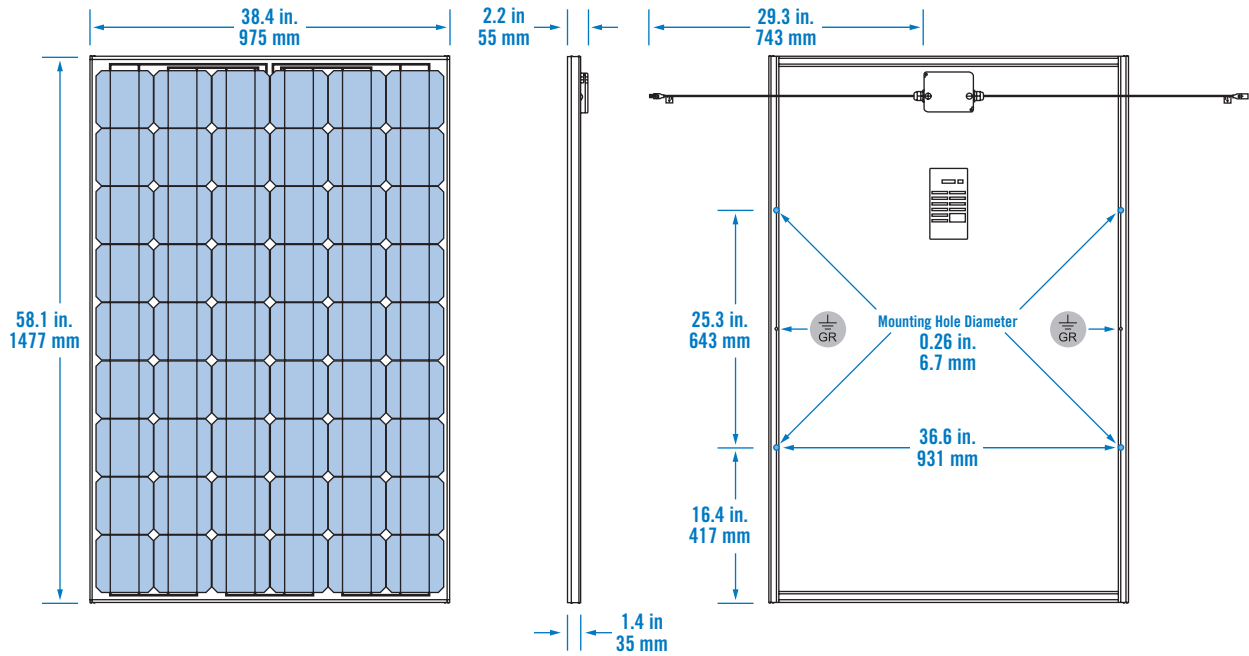


imagination at work



*Refer to GE Energy Product Warranty for specific details

PHYSICAL CHARACTERISTICS

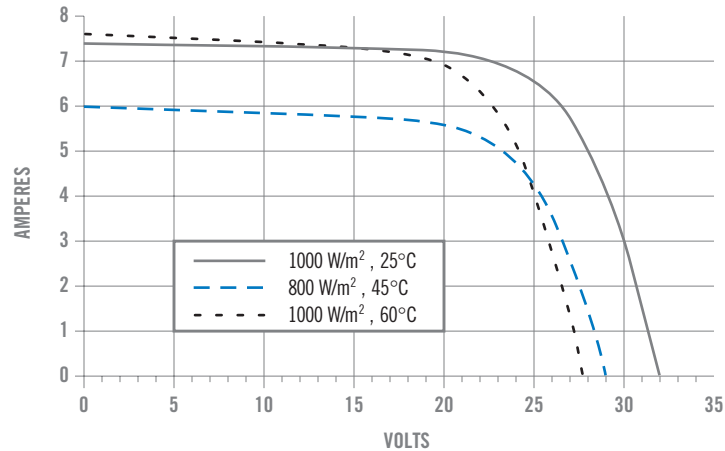


Physical Design Properties

Weight	39.0 lb [17.7 kg]
Weight (Wind) Bearing Potential	50 lbs/ft ² [125 mph equivalent]
Hailstone Impact Resistance	1" @ 50 mph [25 mm @ 80 kph]

ELECTRICAL PERFORMANCE

Typical IV Curve for GEPV-165 Module



Typical Performance Characteristics

Peak Power (Wp)	Watts	165
Max. Power Voltage (Vmp)	Volts	25.0
Max. Power Current (Imp)	Amps	6.6
Open Circuit Voltage (Voc)	Volts	32.0
Short Circuit Current (Isc)	Amps	7.4
Short Circuit Temp. Coefficient	mA/°C	+3
Open Circuit Voltage Coefficient	V/°C	-0.13
Max. Power Temp. Coefficient	%/°C	-0.5
Max. Series Fuse	Amps	15
Normal Operating Cell Temperature [NOCT]	deg. C	45

I-V parameters are rated at Standard Test Conditions (Irradiance of 1000 W/m², AM 1.5G, cell temperature 25°C). As with all Monocrystalline PV Modules, during the stabilization process that occurs during the first few days in service, module power may decrease approximately 3% from typical maximum power due to a phenomenon known as Light Induced Degradation (LID). All measurements are guaranteed at the laminate leads. NOCT is defined as 800 W/m², 20 deg. C ambient, and 1 m/s windspeed.

GE Energy

231 Lake Drive
Newark, DE 19702
866-750-3150

gepower.com/solar

