

## **GEPVp-205-M** 205 WATT PHOTOVOLTAIC MODULE FOR 600 VOLT APPLICATIONS

### FEATURES

- 54 poly-crystalline cells connected in series
- Peak power of 205 watts at 27.2 volts
- Designed for optimum use in residential and commercial grid-tied applications
- 20-year limited warranty on power output, 5-year limited warranty on materials and workmanship\*
- Junction box and 1.8 meter cable with easy-click SOLARLOK® Connectors included

### BENEFITS

- Output power tolerance of +/- 5%
- Robust, clear anodized aluminum frame with pre-drilled holes for quick installation

### CERTIFICATIONS

The GEPVp-205-M Module meets the following requirements:\*\*



UL-1703



IEC-61215 Second Edition

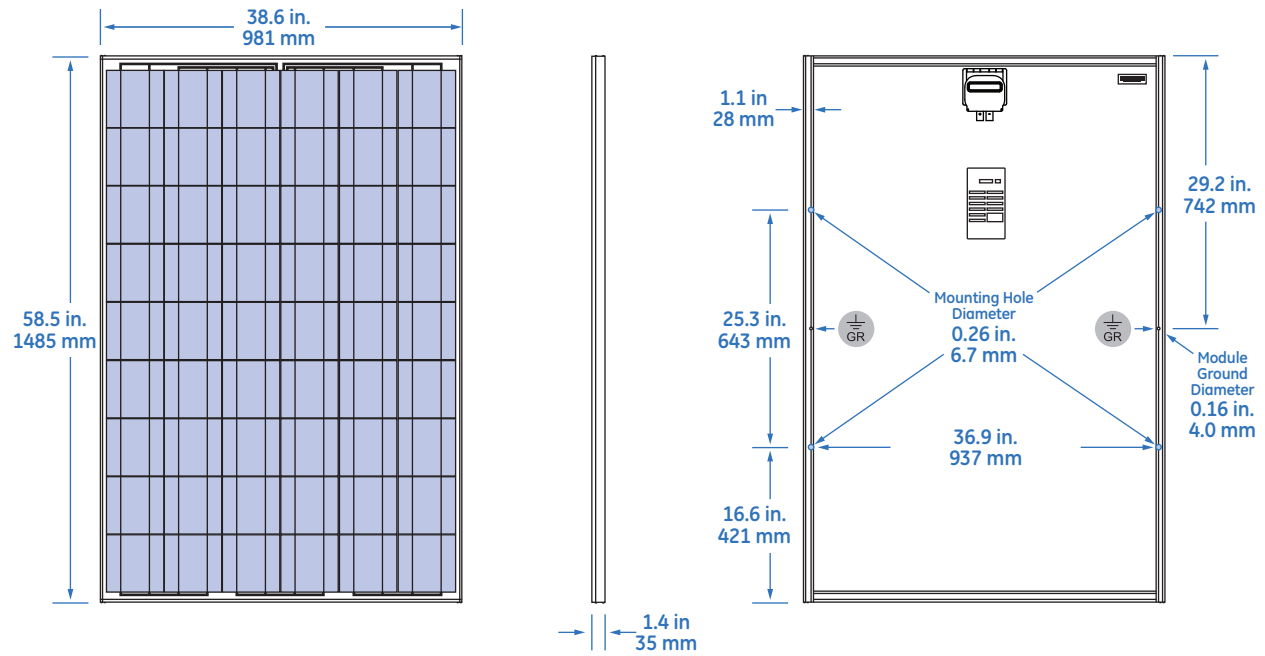


\*Refer to GE Energy Product Warranty for specific details

\*\*Refer to GE Energy Product Certifications for up to date Certificates.



## PHYSICAL CHARACTERISTICS

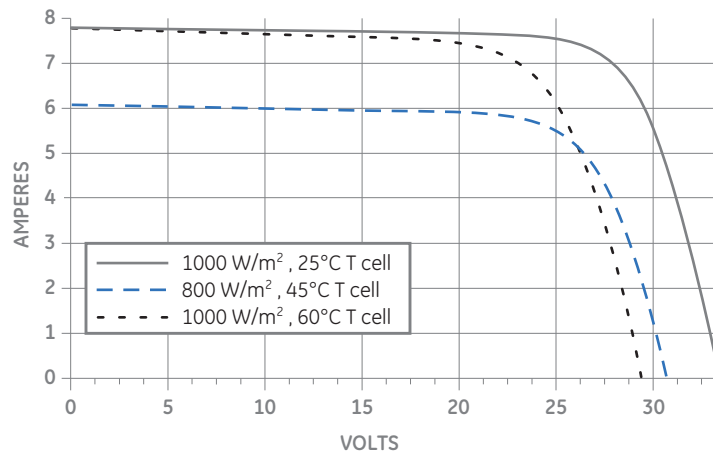


### Physical Design Properties

Weight	39.0 lb [17.7 kg]
Maximum Tested Load	50 psf [2400 PA]
Hailstone Impact Resistance	1" @ 50 mph [25 mm @ 80 kph]

## ELECTRICAL PERFORMANCE

Typical IV Curve for GEPVp-205-M Module



### Typical Performance Characteristics

Peak Power (Wp)	Watts	205
Max. Power Voltage (Vmp)	Volts	27.2
Max. Power Current (Imp)	Amps	7.6
Open Circuit Voltage (Voc)	Volts	33.0
Short Circuit Current (Isc)	Amps	8.2
Short Circuit Temp. Coefficient	mA/°C	5.6
Open Circuit Voltage Coefficient	V/°C	-0.12
Max. Power Temp. Coefficient	%/°C	-0.5
Max. Series Fuse	Amps	15
Max. System Voltage	Volts	600
Normal Operating Cell Temperature [NOCT]	deg. C	50

IV parameters are rated at Standard Test Conditions (Irradiance of 1000 W/m<sup>2</sup>, AM 1.5G, cell temperature 25°C). As with all poly-crystalline 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 measured at 800 W/m<sup>2</sup>, 20 deg. C ambient, and 1 m/s windspeed.



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