

■ GEPV-065

65 WATT PHOTOVOLTAIC MODULE

FEATURES

- 36 single-crystal cells connected in series
- Peak power of 65 Watts at 16.3 Volts
- Designed for optimum use in off grid battery charging applications
- 25-year limited warranty on power output, 5-year limited warranty on materials and workmanship*
- Junction box is conduit ready with terminal terminal strip connectors

BENEFITS

- Output power tolerance of +/- 5%
- Robust lightweight 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

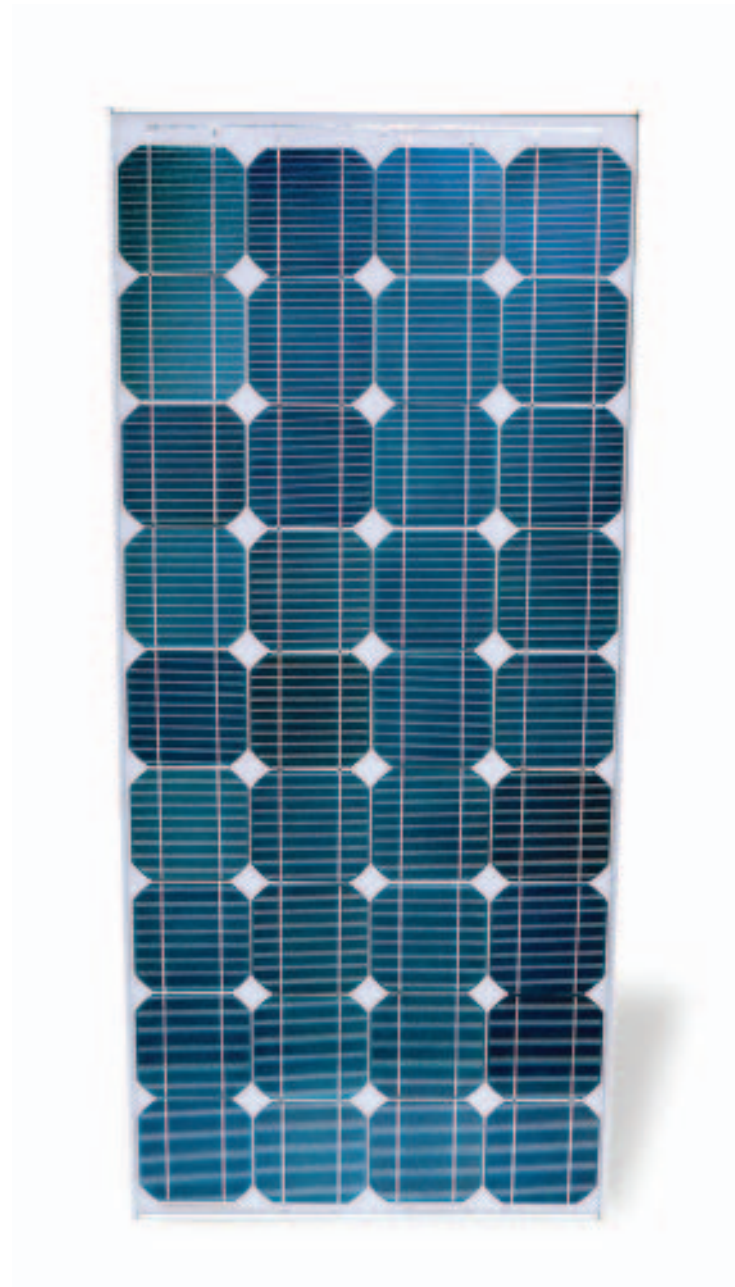
The GEPV-065 Module meets the following requirements:



UL-1703



IEC-61215

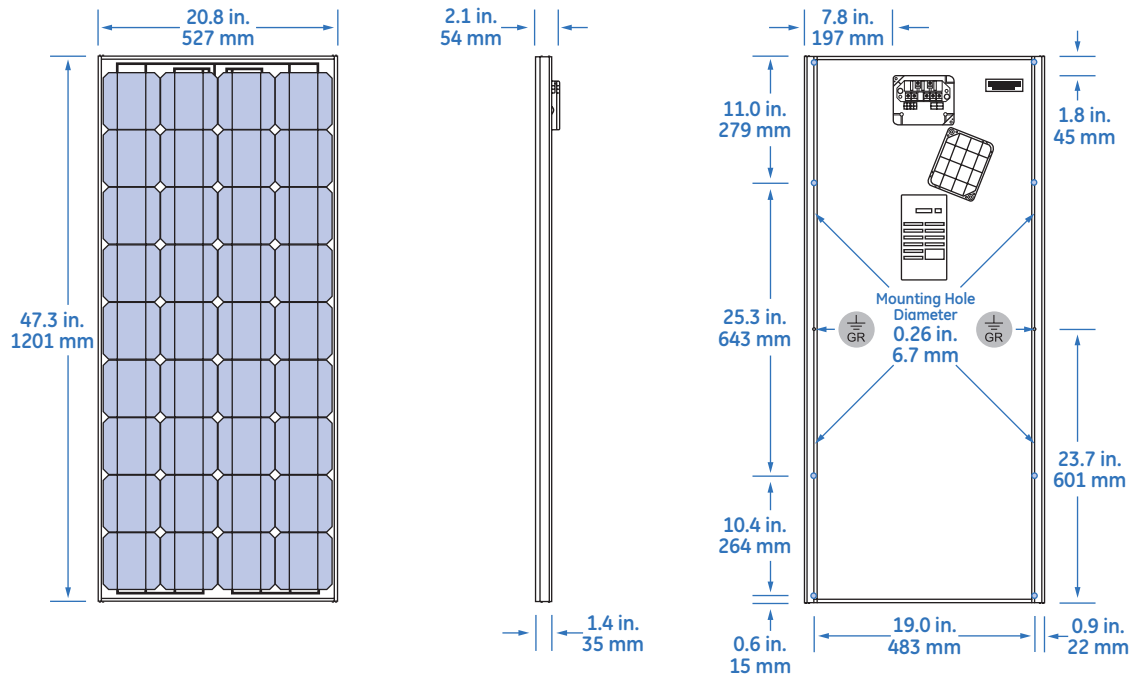


*Refer to GE Energy Product Warranty for specific details



imagination at work

PHYSICAL CHARACTERISTICS

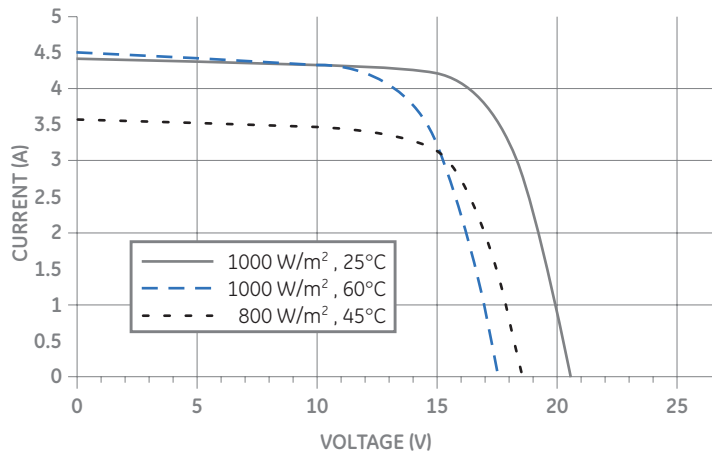


Physical Design Properties

Weight	18.1 lb [8.2 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 I-V Curve for GEPV-065 Module



Typical Performance Characteristics

Peak Power (Wp)	Watts	65
Max. Power Voltage (Vmp)	Volts	16.3
Max. Power Current (Imp)	Amps	4
Open Circuit Voltage (Voc)	Volts	20.5
Short Circuit Current (Isc)	Amps	4.4
Short Circuit Temp. Coefficient	mA/°C	+2
Open Circuit Voltage Coefficient	V/°C	-0.08
Max. Power Temp. Coefficient	%/°C	-0.5
Max. Series Fuse	Amps	10
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 single-crystal 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.



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