



## Thin Film Module (Amorphous)

- Superior performance under high temperature
- High power generation under low irradiation
- High partial shading tolerance
- Cost effective design (glass-glass)
- Shorter energy pay-back time
- Manufactured with less silicon for minimized environmental impact



- Qualified, IEC 61646
- Safety tested, IEC 61730
- Periodic inspection

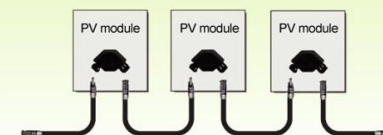
Green Energy Technology (GET), with broad experience in photovoltaic manufacturing, is dedicated to technology innovation in the solar industry. The GET series of photovoltaic modules is an advanced thin-film PV system with reliable power performance. All GET modules are suitable for grid connected applications.



**GREEN ENERGY  
TECHNOLOGY**

## Module Output Specifications Single Junction

Model Type	GET-090A	GET-085A	GET-080A
Electrical Specifications			
Maximum Power (Pmax) ±5%	90W	85W	80W
Open Circuit Voltage (Voc) ±10%	94.33V	93.92V	93.08V
Short Circuit Current (Isc) ±10%	1.50A	1.46A	1.48A
Maximum Power Voltage (Vmpp) ±10%	73.78AV	72.03V	68.06V
Maximum Power Current (Impp) ±10%	1.22A	1.18A	1.18A
Temperature Coefficients			
Maximum Power (Pmax)	-0.23% / °C		
Open Circuit Voltage (Voc)	-0.3% / °C		
Short Circuit Current (Isc)	+0.08% / °C		
Limits			
Maximum System Voltage	1000V		
Bypass Diode	10A		
Maximum Series Fuse	3A		
Operating module temperature	-40°C ~ 85°C		
Maximum Load	2400 Pa or 245 kg/m²		
Mechanical Characteristics			
Dimensions (L*W*D)) (J-Box excluded)	1299mm x 1099mm x 7.5mm		
Weight	Approx. 30kg		
Cell Type	Amorphous Silicon		
Glass Type	3.2 mm annealed glass on front and back		
Encapsulation	PVB (Polyvinyl butyral)		
Frame Material	Frameless		
Output Cables/ Connectors (option)	"Cable: Nominal cross section: 4.0mm², Outer diameter: 6.4mm, Rated voltage: 1000VDC, Rated current: 55A Connector: MC PV-KBT4 and PV-KST4		



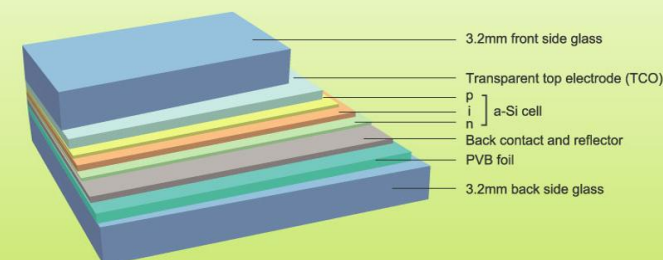
All the values here are measured by using light-stabilized modules under the STC (standard test conditions).

Note: We recommend using our installation instructions to mount the PV module.

## Warranty Conditions

- Free from defects in materials and workmanship for 2 years
- 10 years performance guarantee for a 90% power output
- 20 years performance guarantee for a 80% power output

## Cross-section



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\* Irradiance: 1kW/m<sup>2</sup>  
 Spectrum: AM 1.5; Module temperature of 25°C

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