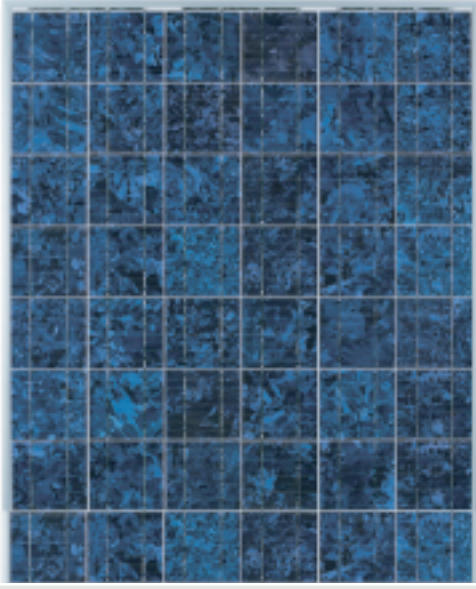


Poly-crystalline Si solar module

The modules are made from excellent quality and high efficiency polycrystalline solar cells($\geq 16.6\%$). They are suitable for both residential as well as large scale power plant application.



Rated power	160Wp	165Wp	170 Wp	175Wp	180Wp	185Wp	185Wp	190Wp
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Dimensions (mm X mm X mm)	H1350 X W1000 X T50
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Features	<ul style="list-style-type: none"> • Tempered glass/EVA/Backsheet lamination • Light weight aluminum frame • Front glass with high transmittance • Junction box with 3 bypass diode • Weather-resistant backsheet
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Cells	Polycrystalline 156 mmX156mm x 48pcs
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Ambient operating temperature	-45~+85°C
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SOLAR PANEL

■ Product and quality guarantee

- Electrical Isolation is assured for all modules
- Electrical performance is inspected before module shipment
- All the module are traceable using serial number

■ Operating instruction and installation condition

- Installation must be followed by the manual.
- Both vertical and horizontal installation are allowed.
- The maximum system voltage is 1000V.

■ Limited warranty

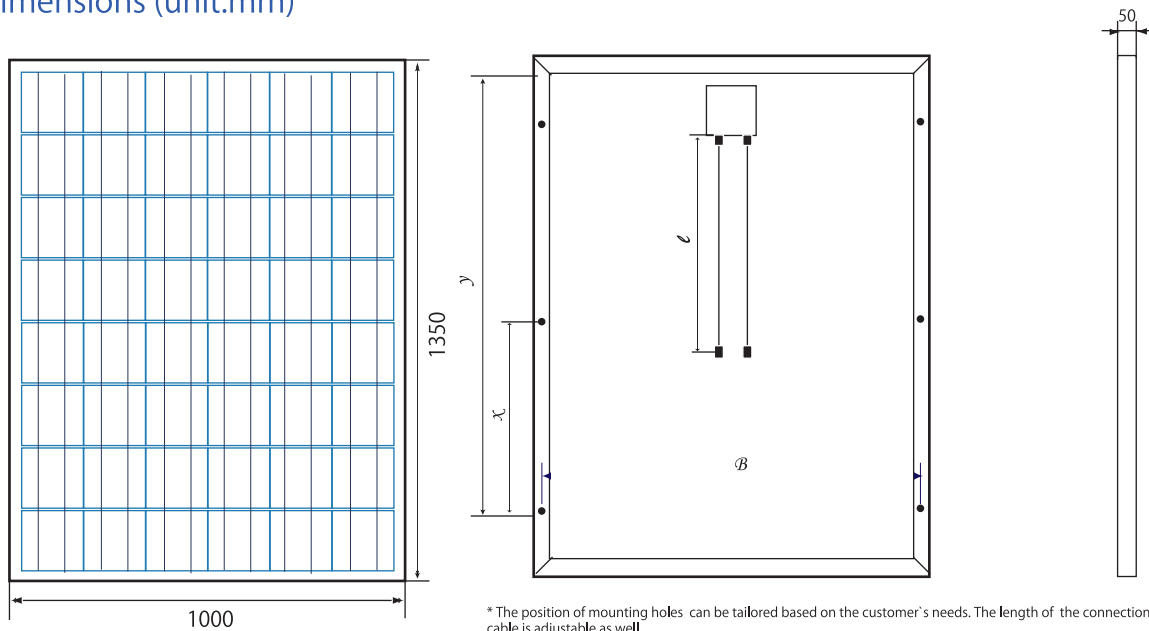
- 10 years product warranty.
- 20 years performance warranty (90% up to 10 years, 80% up to 20 Years)

■ Certificate

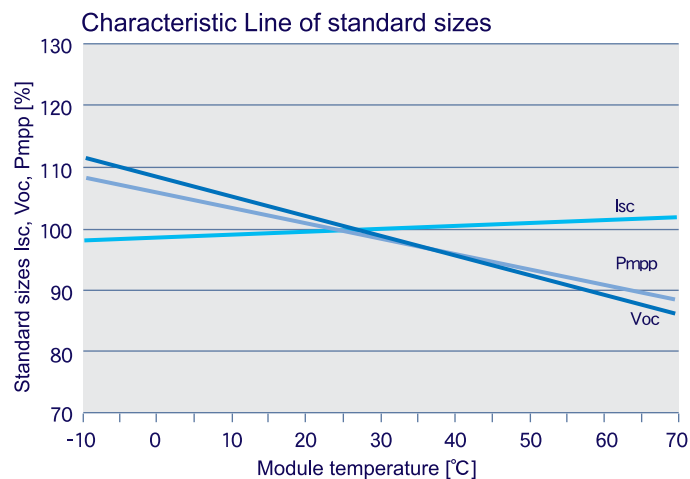
- **CE**, **IEC61215**, **TÜV** (Available from March,2010)

SOLAR PANEL

■ Dimensions (unit:mm)



■ Dependence of temperature



■ Electrical characteristics

Weak light performance

Designation	Pmpp [W]	Vmpp [V]	Impp [A]	Voc [V]	Isc [A]	Weak light performance		
						Intensity [W/m ²]	Intensity [%]	[%]
SO-GPC6-160	160	24	6.66	28.32	7.33	800	0.0	-20
SO-GPC6-165	165	24	6.87	28.32	7.56	600	-0.9	-40
SO-GPC6-170	170	24	7.08	28.32	7.79	400	-2.1	-60
SO-GPC6-175	175	24	7.29	28.32	8.02	200	-5.1	-80
SO-GPC6-180	180	24	7.50	28.32	8.25	100	-8.7	-90
SO-GPC6-190	190	24	7.70	28.32	8.47			
SO-GPC6-195	195	24	7.91	28.32	8.70			

Measuring condition: 1000W/m², AM 1.5, 25°C, Measuring tolerance: ±3%