



QG 200~210-6P

Features

***This mold of solar module has 54 solar cells.
They can be used for on-grid and off-grid solar applications.
Our meticulous design and production techniques ensure a high-yield,
long-term performance for every module produced.***

Applications

- ***On-grid and off-grid residential roof-tops***
- ***On-grid and off-grid commercial/industrial roof-tops***
- ***Water Pumping systems***
- ***Rural area applications***
- ***etc.***

Features

- ***5 years product warranty on material and workmanship
10 years limited warranty of 90% output
25 years limited warranty of 80% output***
- ***Strong framed module, passing mechanical load
test of 5400Pa to withstand heavier snow load***
- ***Industry leading power tolerance: $\pm 3\%$***

Qualifications

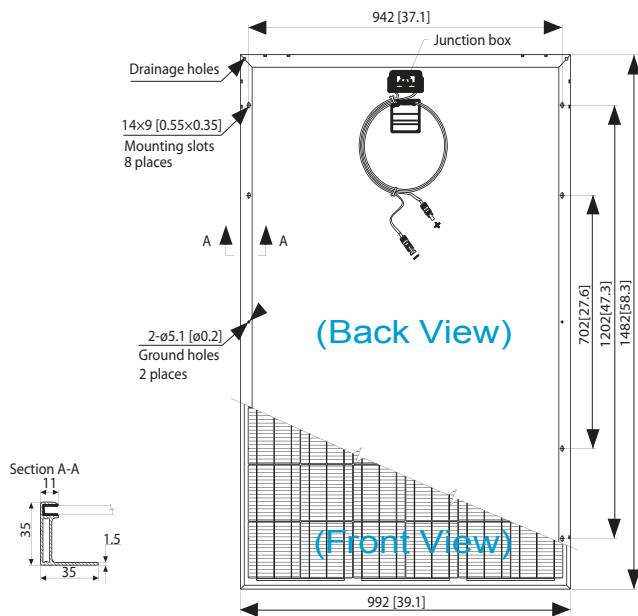
- ***IEC 61215 , IEC 61730 , CE***
- ***ISO9001:2008: Standards for quality management systems***



Electrical Characteristics

Characteristics	QG210-6P	QG205-6P	QG 200-6P
Open - Circuit voltage (Voc)	33.6V	33.5V	33.4V
Optimum Operating Voltage (Vmp)	26.5V	26.3V	26.3V
Short - Circuit Current (Isc)	8.33A	8.23A	8.12A
Optimum Operating Current (Imp)	7.95A	7.80A	7.63A
Maximum Power at STC (Pmax)	210 Wp	205 Wp	200Wp
Operating Temperature	-40°C to +85°C		
Maximum System Voltage	1000V DC		
Maximum Series Fuse Rating	20A		
Power Tolerance	±3 %		

*STC : Irradiance 1000W/m², Module temperature 25°C, AM=1.5



Note: mm [inch]

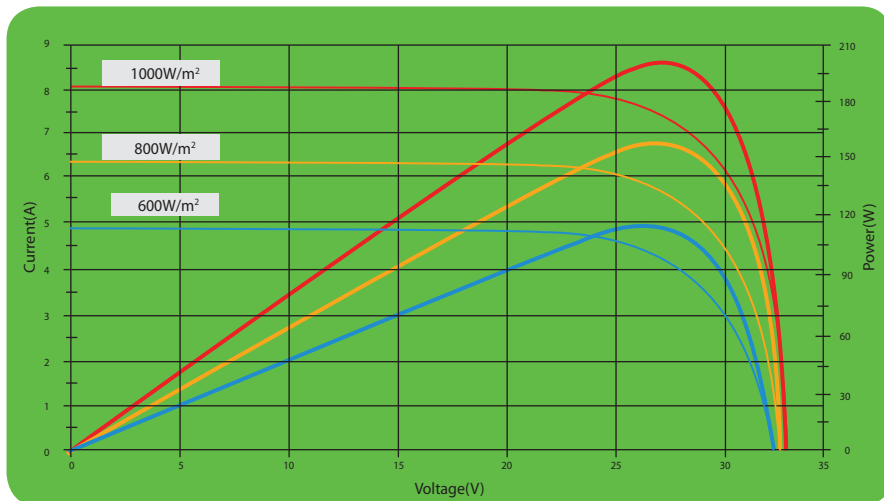
Mechanical Characteristics

Solar Cell	Poly-crystalline 156x156mm (6inch)
No. of Cells	54 (6x9)
Dimensions	1482x992x35mm (58.3x39.1x1.4inch)
Weight	16.8kg (37.0lbs.)
Front Glass	3.2 mm tempered glass
Frame	Anodized aluminium alloy
Junction Box	IP65 rated
Output Cables	(-) 1200mm (47.2inch) (+) 800mm (31.5inch) MC pulg Type IV connectors

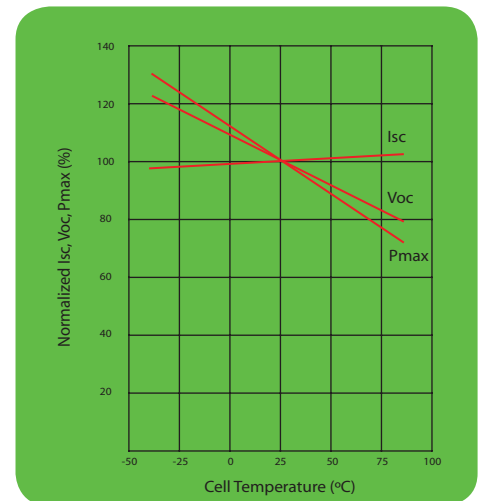
Temperature Characteristics

Nominal Operating Cell Temperature (NOCT)	45±2°C
Temperature Coefficient of Pmax	-0.47 %/°C
Temperature Coefficient of Voc	-0.34 %/°C
Temperature Coefficient of Isc	0.055 %/°C

Current-Voltage & Power-Voltage Curve (200W)



Temperature Dependence of Isc, Voc, Pmax



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