





GW - P156 - 60	260~285W
Poly-crystalline Module	Power Output Range
17.5%	0~+5W
Maximum Efficiency	Power Tolerance


Product Specifications Book

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 PID free module
 Anti-PID cell technology
 Anti-PID encapsulation technology

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 UL 1703, IEC 61215, IEC 61730 and CE
 ISO 9001 for Quality Management Systems
 ISO 14001 for Environmental Management Systems
 ISO 18001 Occupational Health and Safety System

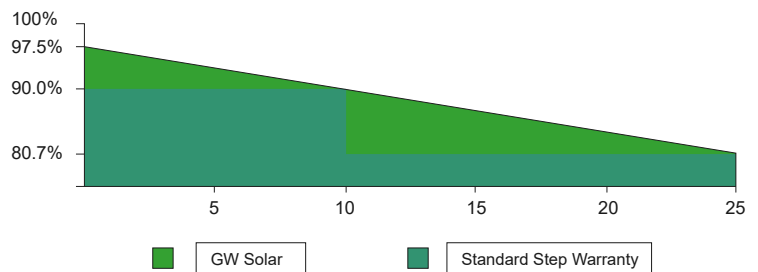
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 Lower annual power degradation and current sorting reduces the mismatch power loss in system operation

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 Improve safety
 1500VDC (TUV) / 1500VDC (CSA) certified
 2 EL inspections per cell/module for defect-free consistency

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 Load certificates: wind to 2400Pa and snow to 5400Pa



LINEAR PERFORMANCE WARRANTY

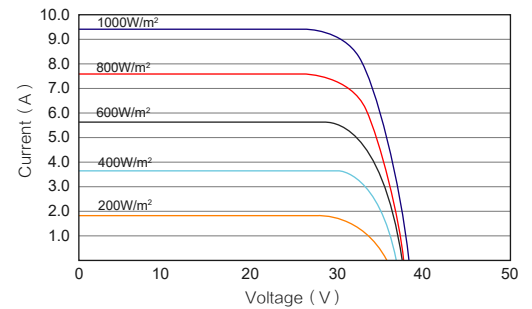


Munich RE Insurance Global Coverage

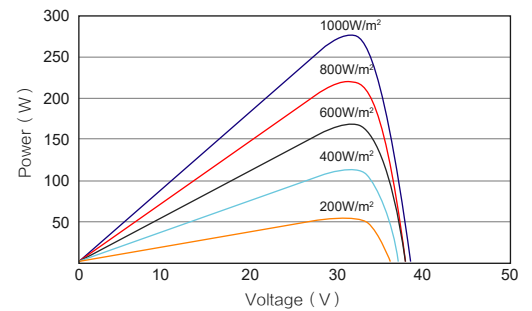
Electrical Specifications (standard test conditions)

Maximum Power -PMAX (Wp)	260	265	270	275	280	285
Power Tolerance -PMAX (W)	0 ~ +5					
Maximum power point of operating voltage -VMPP (V)	30.6	30.8	30.9	31.1	31.4	31.7
Maximum power point of operating current -IMPP (A)	8.50	8.61	8.73	8.84	8.92	9.01
Open circuit voltage -Voc (V)*	38.2	38.3	38.4	38.5	38.7	38.9
Short circuit current -Isc (A)	9.00	9.10	9.18	9.25	9.34	9.42
Module Efficiency η_m (%)	15.9	16.2	16.6	16.9	17.2	17.5
Standard test conditions under Measured Value:(air quality AM1.5, Irradiance 1000W / m ² , cell temperature 25 ° C)						

I-V Curves (280)



P-V Curves (280)



Electrical Index (under nominal operating cell temperature conditions)

Maximum Power-PMAX (Wp)	193	197	200	204	207	211
Maximum power point of operating voltage -VMPP (V)	28.4	28.6	28.7	29.0	29.2	29.4
Maximum power point of operating current -IMPP (A)	6.81	6.89	6.97	7.03	7.10	7.17
Open circuit voltage -Voc (V)*	35.4	35.5	35.5	35.6	35.8	35.9
Short circuit current -Isc (A)	7.27	7.35	7.41	7.47	7.55	7.57
NOCT: Irradiance 800W / m ² , ambient temperature of 20 ° C, wind speed 1m / s						

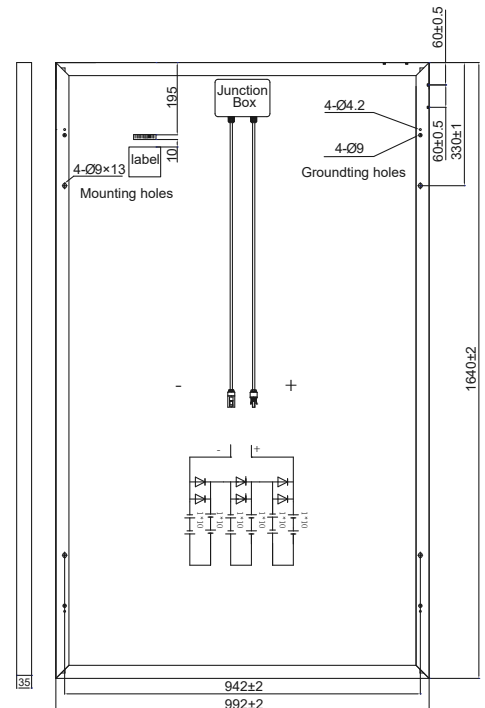
Temperature Rating

Limit parameter

Nominal Operating Cell Temperature (NOCT)	44°C (±2°C)	Working Temperature	-40~+85°C
Maximum power (PMAX) Temperature Coefficient	- 0.39%/°C	Maximum fuse rated Current	15A
Open-circuit voltage (VOC) Temperature Coefficient	- 0.29%/°C	Maximum system voltage	1500VDC (TUV)
Short circuit current (ISC) Temperature Coefficient	0.05%/°C	Maximum system voltage	1500VDC (CSA)

Mechanical Specifications

Solar cell Type	156.75mm × 156.75mm Poly-crystalline
Number of Cells	1 module 60pieces (6 × 10)
Dimensions	1640*992*35mm 64.57*39.06*1.38 inch
Weight	18.6 kg
Glass	3.2mm, High transparency, anti-reflective coatings toughened glass
Junction Box	Protection level IP 68
Frame	Black/ white, anodized aluminum
Backsheet	Black/ white
Busbar	Black/ white
Cable	4.0 mm ² , 1000 mm Photovoltaic dedicated cables
Connector	MC4 compatible



Warranty

- 15-year warranty for product
- 25-year warranty for linear power
- Please refer to product warranty for details

Packaging Method

- Modules per box: 30 pcs
- Modules per 40 ft container: 840 pcs
- Installation depends on the mechanical load