

GIN P6F-60



60 Cells

Polycrystalline Module

255~280W

Power Output Range

17.1 %

Maximum Efficiency

0~+5W

Positive Power Tolerance

Key Features



High Mechanical Loads of Wind and Snow

Certified to bear 2,400Pa wind load, and 5400Pa snow load



Excellent Low Light Performance

On cloudy days and mornings



Highly Resistant to Salt-mist Corrosion

IEC-61701,Ed 2.0 certified



Resistant to Ammonia Corrosion

IEC-62716 certified



Resistant to PID (Potential Induced Degradation) effect

Qualified cell & materials lead to 60°C, 85%RH-1000V, 96hr certified



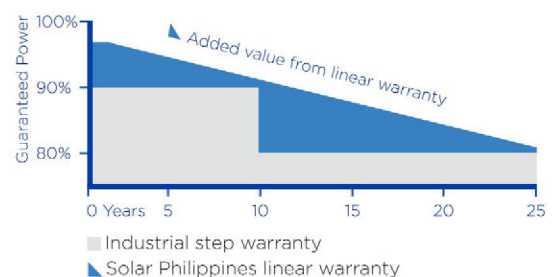
100% EL Double Inspection

Defect-free in module-level



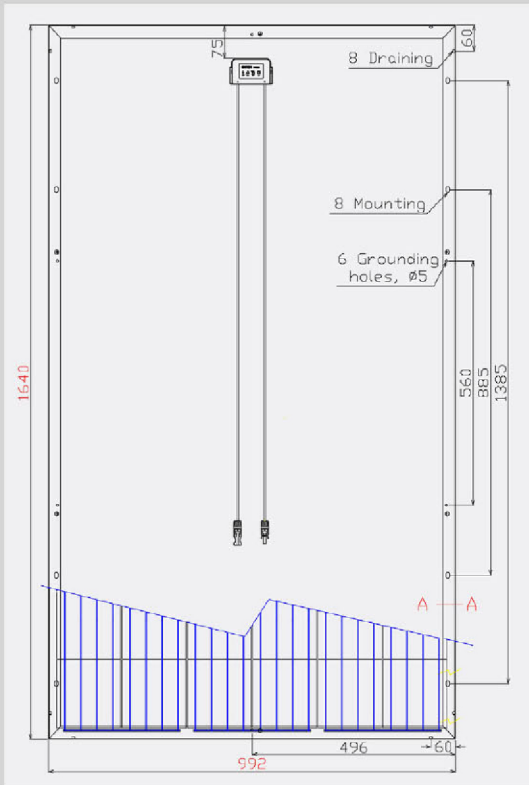
25 Years Linear Warranty of Power Output

Plus 10 years product warranty



60 CELLS

Polycrystalline Module



ELECTRICAL DATA (STC)

P _{mpp}	255	260	265	270	275	280
Power Tolerance	0 ~ +5					
V _{mpp}	30.2	30.5	30.8	31.1	31.3	31.4
I _{mpp}	8.43	8.52	8.59	8.68	8.80	8.91
V _{oc}	37.6	37.8	38.1	38.3	38.5	38.7
I _{sc}	8.99	9.06	9.16	9.25	9.36	9.45
Module Efficiency (%)	15.5%	15.8%	16.1%	16.4%	16.7%	17.0%

STC (Standard Test Condition): Irradiance of 1000W/m², AM1.5G and cell temperature (25±2)°C

ELECTRICAL DATA (NOCT)

P _{mpp}	189	194	198	202	208	213
V _{mpp}	29.2	29.5	29.9	30.3	30.5	30.7
I _{mpp}	6.47	6.58	6.62	6.67	6.82	6.94
V _{oc}	36.9	37.1	37.4	37.6	38.1	38.2
I _{sc}	7.60	7.61	7.72	8.68	7.93	8.04

NOCT (Nominal Operating Cell Temperature): 800W/m², (20±2)°C, wind speed 1m/s

MECHANICAL DATA

Solar cells	6" Polycrystalline 156 x 156 mm
Cell connection	60 cells (6x10)
Module dimension (mm / inch)	1640 x 992 x 40 mm / 64.57" x 39.06" x 1.57"
Weight (kg / lb)	18.5 / 40.7 (approx.)
Glass	High transparency tempered glass 3.2mm (0.13")
Frame	Anodized aluminum alloy
J-Box	IP - 68 rated, 3 diodes
Cables	Length 1,000mm * diameter 4mm ² each
Connector	PV4-S
Packaging configuration	26pcs / pallet

TEMPERATURE RATINGS

NOCT (Nominal Operating Cell Temperature)	44°C (±2°C)
Temperature Coefficient of P _{mpp}	- 0.41%/°C
Temperature Coefficient of V _{oc}	- 0.32%/°C
Temperature Coefficient of I _{sc}	0.04%/°C

MAXIMUM RATINGS

Operational Temperature	-40~+85°C
Maximum System Voltage	1000V DC (IEC) 1000V DC (UL)
Max Series Fuse Rating	15A

WARRANTY

25 years on Performance Linear Warranty
10 years on Limited Product Warranty

Certificates

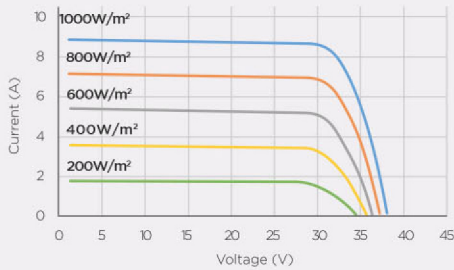


Management System
ISO 9001:2015



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ID 9108637552

I - V Curve per Irradiance Level



P - V Curve per Irradiance Level

