

GIN P6-72

Polycrystalline module

ELECTRICAL CHARACTERISTICS : STC

Power Rating (Pmax) (W)	295	300	305	310	315
Open Circuit Voltage (Voc) (V)	44.4	44.8	45.1	45.4	45.7
Short Circuit Current (Isc) (A)	8.82	8.87	8.93	9.00	9.06
Max Power Voltage (Vmp) (V)	35.7	36.0	36.3	36.6	37.0
Max Power Current (Imp) (A)	8.28	8.34	8.42	8.47	8.53
Module Efficiency (%)	15.2	15.5	15.7	16.0	16.2

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

ELECTRICAL CHARACTERISTICS : NOCT

Power Rating (Pmax) (W)	215	219	223	227	231
Open Circuit Voltage (Voc) (V)	41.5	42.0	42.3	42.7	43.1
Short Circuit Current (Isc) (A)	7.12	7.18	7.24	7.32	7.39
Max Power Voltage (Vmp) (V)	32.7	33.0	33.2	33.4	33.6
Max Power Current (Imp) (A)	6.58	6.64	6.72	6.79	6.87

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

MECHANICAL DATA

Solar cells	Polycrystalline 156 x 156mm (6" square)
Cell connection	72 cells (6x12)
Module dimension (mm / inch)	1956 x 992 x 40 / 77.01" x 39.06" x 1.57"
Weight (kg / lb)	22 / 48.46 (approx.)
Glass	High transparency tempered glass 3.2mm (0.13")
Frame	Anodized aluminium alloy
J-Box	IP-65 or IP-67 rated, 3 diodes
Cables	Length 1,000mm * diameter 4mm ² each
Connector	MC4 compatible
Packaging configuration	26pcs / pallet

WORKING CONDITIONS

System voltage (DC)	IEC:1000V / UL:1000V
Series fuse rating	15A
Temperature cycling range	-40 ~ 85°C
Static load	5400Pa
Application class	Class A

TEMPERATURE DATA

NOCT	46±2°C
Temp Coefficient of Voc (%/°C)	-0.33
Temp Coefficient of Isc (%/°C)	0.06
Temp Coefficient of Pmax (%/°C)	-0.43

WARRANTY

25 Years on Performance Linear Warranty

10 Years on Limited Product Warranty

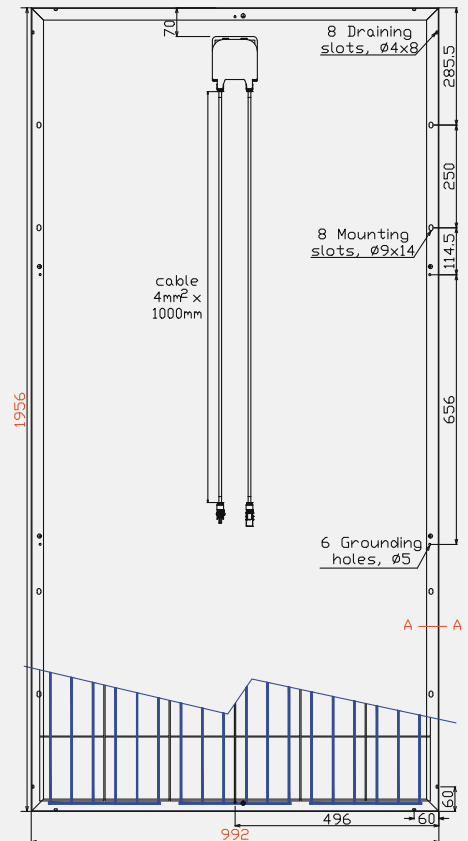
CERTIFICATES (some under progress)



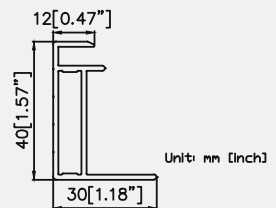
GINTECH ENERGY CORPORATION

ADD: 9F, No.295, Tiding Blvd. Sec 2 Taipei City 11493, Taiwan, R.O.C. TEL: +886-2-2656-2000
 FAX: +886-2-2656-0593 EMAIL: modulesales@gintech.com.tw WEB: http://www.gintechenergy.com

MODULE DIMENSION



section A-A



I-V curve on Irradiance Level

