



GCL-M6/72GF

Dual Glass
Monocrystalline Module

335-370W



370W

Maximum Power Output

18.8%

Maximum Module Efficiency

0~+5W

Power Output Guarantee



Ideal choice for large scale ground installation



High conversion efficiency due to top quality wafers and advanced cell technology



Selected encapsulating material and stringent production process control ensure the product is highly PID resistant and snail trails free



Additional safety, Fire class A certified



Withstand up to 1500V system voltage effectively reduce BOS cost



Sand blowing test, salt mist test and ammonia test passed to endure harsh environments

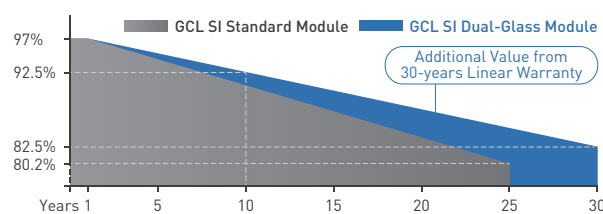
Company Introduction

GCL System Integration Technology Co. Ltd (002506 Shenzhen Stock) (GCL System) is part of GOLDEN CONCORD Group (GCL) which is an international energy company specialized in clean and sustainable power production. The group, founded in 1990 now employs 30,000 people.

GCL Delivers Reliable Performance Over Time

- World-class manufacturer of crystalline silicon photovoltaic modules
- Fully automatic facilities and world-class technology
- Rigorous quality control to meet the highest standard: ISO9001:2015, ISO14001: 2015 and OHSAS: 18001 2007
- Tested for harsh environments (salt mist, ammonia corrosion and sand blowing test: IEC 61701, IEC 62716, DIN EN 60068-2- 68)
- Long term reliability tests
- 2*100% EL inspection ensuring defect-free modules

Linear Performance Warranty



10 Years Product Warranty 30 Years Linear Power Warranty

* Please refer to GCL standard warranty for details

Additional Insurance Backed by Swiss RE



* Please refer to GCL for details

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GCL Dual Glass Monocrystalline Module

335-370W

Electrical Specification (STC*)

Maximum Power	P _{max} (W)	335	340	345	350	355	360	365	370
Maximum Power Voltage	V _{mp} (V)	38.00	38.20	38.40	38.60	38.80	39.00	39.20	39.40
Maximum Power Current	I _{mp} (A)	8.82	8.90	8.99	9.07	9.15	9.23	9.31	9.39
Open Circuit Voltage	V _{oc} (V)	46.40	46.60	46.80	47.00	47.20	47.40	47.60	47.80
Short Circuit Current	I _{sc} (A)	9.41	9.49	9.57	9.65	9.73	9.81	9.89	9.97
Module Efficiency	(%)	17.0	17.3	17.5	17.8	18.0	18.3	18.5	18.8
Power Output Tolerance	(W)	0~+5							

* Irradiance 1000W/m², Module Temperature 25°C, Air Mass 1.5

Electrical Specification (NOCT*)

Maximum Power	P _{max} (W)	249.92	253.82	257.74	261.34	264.58	268.22	272.25	275.94
Maximum Power Voltage	V _{mp} (V)	35.20	35.40	35.60	35.80	35.90	36.10	36.30	36.50
Maximum Power Current	I _{mp} (A)	7.10	7.17	7.24	7.30	7.37	7.43	7.50	7.56
Open Circuit Voltage	V _{oc} (V)	43.20	43.40	43.60	43.80	43.90	44.10	44.30	44.50
Short Circuit Current	I _{sc} (A)	7.61	7.67	7.74	7.80	7.86	7.93	7.99	8.06

* Irradiance 800W/m², Ambient Temperature 20°C, Wind Speed 1m/s

Mechanical Data

Solar Cell Type	Mono156.75×156.75mm (6 inches)
Number of Cells	72 Cells (6×12)
Dimensions of Module L*W*H (mm)	1974×998×30mm
Weight (kg)	29.0 Kg
Front Side Glass	High transparency solar glass 2.5mm (0.13 inches)
Back Side Glass	High transparency solar glass 2.5mm (0.13 inches)
Frame	Silver, anodized aluminium alloy
J-Box	IP68 Rated
Cable	Portrait: 200/75mm ; Landscape: 1750/1750mm
Wind/ Snow Load	2400Pa/5400Pa*
Connector	MC4 Compatible

* For more details please check the installation manual of GCLSI

Temperature Ratings

Nominal Operating Cell Temperature (NOCT)	44±2°C
Temperature Coefficient of I _{sc}	+0.06%/°C
Temperature Coefficient of V _{oc}	-0.30%/°C
Temperature Coefficient of P _{max}	-0.39%/°C

Packaging Configuration

Module per box	35 pieces
Module per 40' container	770 pieces

Maximum Ratings

Operational Temperature	-40~+85°C
Maximum System Voltage	1500V DC
Max Series Fuse Rating	18A

Optional

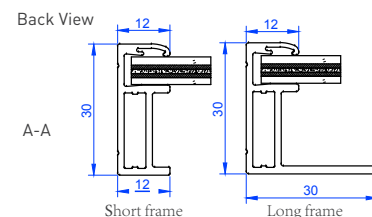
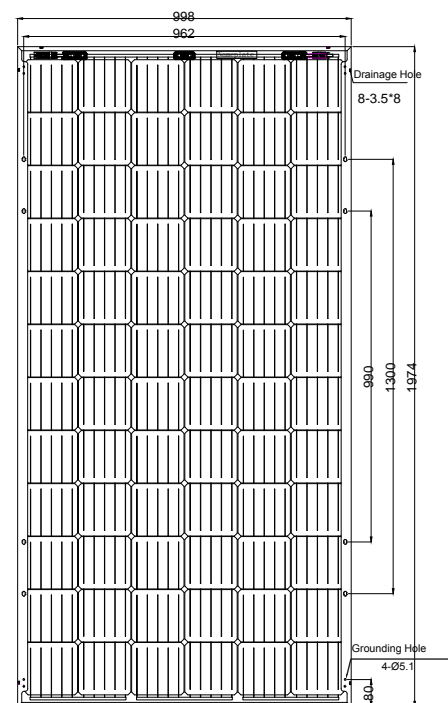
Connector: ☐ Original MC4



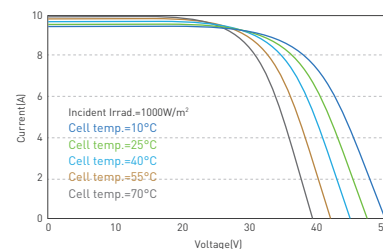
Contact Us for More Information

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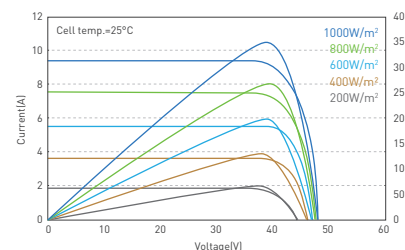
Module Dimension



U-I Curve at Different Temperature (350W)



U-I/P-U Curve at Different Irradiation (350W)



CAUTION: READ INSTALLATION MANUAL BEFORE USING THE PRODUCT