



# GCL-P6/72 GCL-P6/72H Polycrystalline Module 330-365W



**365W**

Maximum Power Output

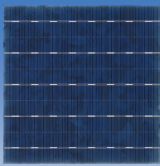
**18.8%**

Maximum Module Efficiency

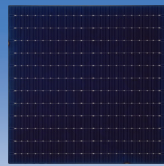
**0~+5W**

Power Output Guarantee

Cell Type



5BB



MBB



Ideal choice for large scale ground installation



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



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



Passed sand blowing test, salt mist test and ammonia test; flexible for harsh environments



Optimized system performance by module level current sorting



Special cell process ensures great performance in low irradiance environment



Additional yield and easy maintenance with high transparent self-cleaning glass

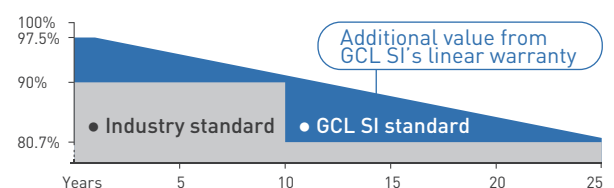
## Company Introduction

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

## GCL Delivers Reliable Performance Over Time

- World-class manufacturer of crystalline silicon photovoltaic modules
- Fully automatic facility and world-class technology
- Rigorous quality control to meet the highest standard: ISO9001:2008, ISO 14001: 2004 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 25 Years Linear Power Warranty

\* Please refer to GCL standard warranty for details

## Additional Insurance Backed by Swiss RE



\* Please refer to GCL for details

# GCL-P6/72 GCL-P6/72H

## Jupiter Series Polycrystalline Module

330-365W

### Electrical Specification (STC)

		330	335	340	345	350	355	360	365
Maximum Power	P <sub>max</sub> (W)	330	335	340	345	350	355	360	365
Maximum Power Voltage	V <sub>mp</sub> (V)	37.80	38.00	38.20	38.90	39.20	39.49	39.78	40.11
Maximum Power Current	I <sub>mp</sub> (A)	8.73	8.82	8.90	8.87	8.93	8.99	9.05	9.10
Short Circuit Current	I <sub>sc</sub> (A)	9.33	9.41	9.49	9.61	9.68	9.74	9.80	9.86
Open Circuit Voltage	V <sub>oc</sub> (V)	46.20	46.40	46.60	47.30	47.60	47.90	48.20	48.50
Module Efficiency	(%)	17.0	17.3	17.5	17.8	18.0	18.3	18.6	18.8
Power Output Tolerance	(W)								0~+5

\* Irradiance 1000W/m<sup>2</sup>, Module Temperature 25°C, Air Mass 1.5

### Electrical Specification (NOCT)

		243.94	247.79	251.32	255.59	259.90	263.52	266.79	270.83
Maximum Power	P <sub>max</sub> (W)	243.94	247.79	251.32	255.59	259.90	263.52	266.79	270.83
Maximum Power Voltage	V <sub>mp</sub> (V)	34.70	34.90	35.10	35.40	35.70	36.00	36.20	36.50
Maximum Power Current	I <sub>mp</sub> (A)	7.03	7.10	7.16	7.22	7.28	7.32	7.37	7.42
Short Circuit Current	I <sub>sc</sub> (A)	7.54	7.61	7.67	7.77	7.82	7.87	7.92	7.97
Open Circuit Voltage	V <sub>oc</sub> (V)	42.70	42.90	43.10	43.80	44.00	44.30	44.60	44.80

### Mechanical Data

Solar Cell Type	Poly 156.75×156.75 mm
Number of Cells	72 Cells (6×12)
Dimensions of Module L*W*H (mm)	1956×992×35mm (77 × 39.05 × 1.38 inches)
Weight (kg)	22.2 kg
Glass	High transparency solar glass 3.2mm (0.13 inches)
Backsheet	White
Frame	Silver, anodized aluminium alloy
J-Box	IP68 Rated
Cable	4.0mm <sup>2</sup> (0.006 inches <sup>2</sup> ), 1200mm (35.4 inches)
Number of diodes	3
Wind/ Snow Load	2400Pa/5400Pa*
Connector	Compatible

\* For more details please check the installation manual of GCLSI

### Temperature Ratings

Nominal Operating Cell Temperature (NOCT)	45±2°C
Temperature Coefficient of P <sub>MAX</sub>	-0.41%/°C
Temperature Coefficient of V <sub>oc</sub>	-0.32%/°C
Temperature Coefficient of I <sub>sc</sub>	+0.055%/°C

### Packaging Configuration

Module per box	30 pieces
Module per 40' container	720 pieces

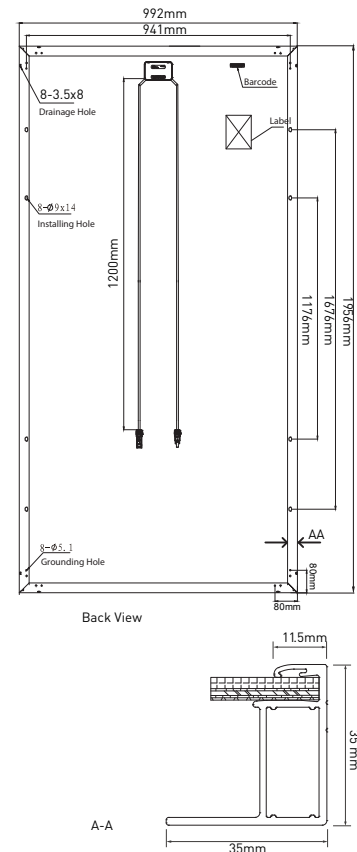
### Maximum Ratings

Operational Temperature	-40~+85°C
Maximum System Voltage	1000V DC
	1500V DC-(H)
Max Series Fuse Rating	15A

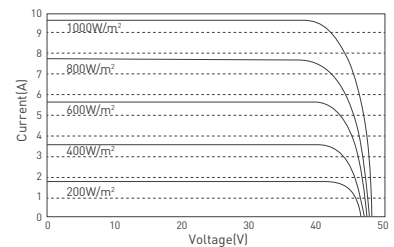
### Optional

Connector:  Original MC4

### Module Dimension



### I-V Curves of Module (350W)



Excellent performance under weak light conditions: at an irradiance intensity of 200W/m<sup>2</sup>W/m (AM 1.5, 25C), 96.5% or higher of the STC efficiency is achieved

**CAUTION: READ INSTALLATION MANUAL BEFORE USING THE PRODUCT**

As a result of continuous technological innovation, product optimization, GCL reserves the right to adjust the information in the parameter file at any time without prior notice.  
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