



About Us

Solar Ecologist combine all aspects of energy-efficient technology to reduce electricity consumption and save you money. We work for you to understand your individual needs and to improve your energy efficiency. **We offers an unrivalled service distributing photovoltaic systems all over the UK. Its business areas don't just include standard PV equipment but also self consumption solutions. such as batteries.**

Why us?

Solar Ecologist is Authorise Distributor of world's renowned Brand GCL SYSTEM INTEGRATION in Great Britain.

We have developed a wealth of experience in developing and implementing renewable solutions for the new build, residential and commercial sectors.

Our Mission

We pride to be economical, efficient and eco-friendly. Our priority is to deliver beauty with reliability and compatibility by only using highly durable quality products.

Our Vision

Our passion is to contribute in this sector to generate energy for the future with innovation and creativity.

Our Values

We work only with franchised distributions of globally leading brands. We deem permanent evaluation of our supplier's performance ratings with microscopic electrical tests is our prime responsibility. Most momentous dedicated customer support Nationwide

Contact Details

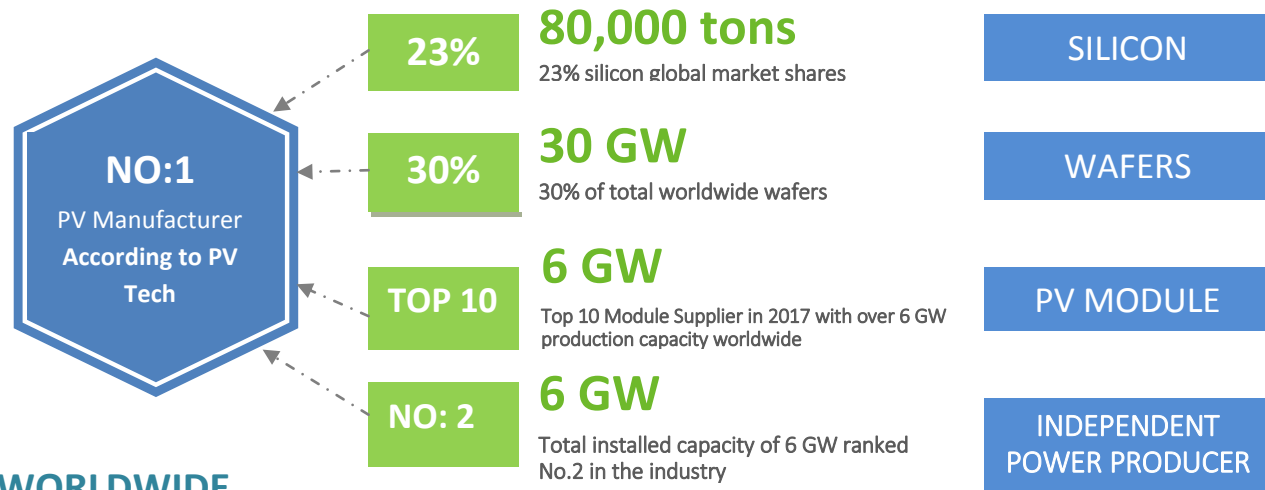
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About GCL System Integration



GCL is the world's champion manufacturer of high quality photovoltaic material. GCL is also an integrated energy group that specializes in clean, efficient and new energy.

Key Figures of GCL Solar



WORLDWIDE PARTNERS



Bloomberg New Energy Finance

Table 1: Module manufacturers meeting Bloomberg New Energy Finance's tier 1 criteria as of 1Q 2016

Firm/brand	Annual in-house module capacity (MW/year)	Firm/brand	Annual in-house module capacity (MW/year)
Trina Solar*	8,000	China Sunergy	1,450
Jinko Solar*	7,500	REC Group*	1,300
Canadian Solar*	7,040	Adani/ Mundra*	1,200
Hanwha Q Cells*	6,400	Akcome	1,000
Longi*	6,000	Pheno Solar*	1,000
GCL Systems*	5,600	ET Solar	1,000
Suntech/ Shunteng*	3,300	Vikram	1,000
Seraphim*	3,000	SunPower*	900
Chint/ Astronergy*	2,500	Boviet	700
First Solar*	2,200	Neo Solar Power*	670
Hareon	2,000	Tata Solar Power	500
Renesola	2,000	Waaree	500

What We Offer

Products



ESS Charging

Commercial Utility

Solutions

(On & Off Grid Solutions)



GCL-M6/60
GCL M6/60H
Monocrystalline Module
280-315W



315W
Maximum Power Output

19.4%
Maximum Module Efficiency

0~+5W
Power Output Tolerance

Cell Type: 

GCL-M6/72GD
Bifacial Dual-Glass Monocrystalline Module
336-370W



370W
Maximum Power Output

19.2%
Maximum Module Efficiency

0~+5W
Power Output Tolerance

Cell Type: 

GCL-M6/60GD
Dual Glass Monocrystalline Module
295-320W



320W
Maximum Power Output

19.5%
Maximum Module Efficiency

0~+5W
Power Output Tolerance

Cell Type: 

GCL-M6/72 GCL-M6/72H
Monocrystalline Module
335-370W



370W
Maximum Power Output

19.1%
Maximum Module Efficiency

0~+5W
Power Output Tolerance

Cell Type: 

 Meet and exceed IEC 61215

GCL P6/60
GCL P6/60H
Polycrystalline Module
270-305W



305W
Maximum Power Output

18.7%
Maximum Module Efficiency

0~+5W
Power Output Tolerance

Cell Type: 

GCL-P6/72 GCL-P6/72H
Polycrystalline Module
325-360W



360W
Maximum Power Output

18.6%
Maximum Module Efficiency


0~+5W
Power Output Tolerance


Cell Type: 


 Meet and exceed IEC 61215


Linear Performance Warranty





 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

 Special cell process ensures great performance under low irradiance conditions...

 Optimized system performance due to module level current sorting

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

 Highly transparent self-cleaning glass brings additional yield and easy maintenance

 Ideal choice for large scale ground installation

Optional
Connector: Original MC4

MAXIMUM RATING
OPERATIONAL TEMPERATURE -40~+85°C
MAXIMUM SYSTEM VOLTAGE 1000V DC
1500V DC-(H)
MAX SERIES FUSE RATING 15A

Additional Insurance Backed by Swiss RE



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: ISO9001:2015, 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

"We also offer range of Inverters, Mounting and complete system kit"

PROJECTS



20MW
Floating Solar Plant



90MW
83MW
Ningxia, CHINA
Colorado USA



90MW
83MW
Solar Plant China & USA