

# Certificate



Registration No.: PV 50318100

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Report No.: 15067427.012

**License Holder:**

GCL System Integration Technology Co., Ltd  
Jianghai Economic Zone, Nanqiao Town  
Fengxian District, Shanghai 201406  
P.R. China

**Product:**

PV Modules

Type:

With 6" poly c-Si cells:  
GCL-P6/72xxx (xxx=285-340, in steps of 5, 72 cells)  
GCL-P6/60xxx (xxx=235-285, in steps of 5, 60 cells)  
With 6" quasi-mono c-Si cells:  
GCL-C6/72xxx (xxx=290-350, in steps of 5, 72 cells)  
GCL-C6/60xxx (xxx=245-290, in steps of 5, 60 cells)  
With 6" mono c-Si cells:  
GCL-M6/72xxx (xxx=285-345, in steps of 5, 72 cells)  
GCL-M6/60xxx (xxx=235-290, in steps of 5, 60 cells)

**Manufacturing Plant:**

Shanghai Chaori Solar Energy Science & Technology Co., Ltd.  
No. 738 Qigang Rd.  
Yangwang Economic Area, Fengxian District  
Shanghai 201406  
P.R. China

**Basis:**

- IEC 61730-1:2004+A1+A2  
IEC 61730-2:2004+A1  
EN 61730-1:2007+A1+A2  
EN 61730-2:2007+A1  
"Photovoltaic (PV) module safety qualification"

- Factory Inspection**  
To document the consistent quality of the product, factory inspections are performed periodically.



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**Remarks:**

- Valid in conjunction with TÜV Rheinland certificate PV 50318099 Page 1.
- The above listed PV modules fulfil the requirements of Application **Class A (Class II acc. to IEC 61140)**. They may be used in PV plants at a maximum system voltage (Voc at STC) of up to **1000 VDC**.
- The fire test (IEC 61730-2 / MST 23) was performed.
- The above listed PV modules fulfil the requirements of fire rating class C.
- This certificate includes further manufacturing plants as listed on attachment of certificate.

**Conditions:**

The product test is voluntarily according to technical regulations. Any change of the design, materials, components or processing may require the repetition of some of the qualification tests in order to retain type approval.

**The certificate is valid until 09 April 2019.**



**Certification body**

Dipl.-Ing (TU) Gerd Reimann

14 August 2015