

Certificate

Registration No.: PV 60080448

Page 1

Report No.: 21191893.001

License Holder:

**Hunan Gongchuang Photovoltaic
Science & Technology Co., Ltd.**

No. 1, Hong Yuan Road
Baisha Industrial Park, Yanfeng District
421005 Hengyang, Hunan Province
China

Product:

PV Module

Type:

GC-ST xxx
xxx = 120-140

xxx represent power in Wp ^[1]

Manufacturing Plant:

**Hunan Gongchuang Photovoltaic
Science & Technology Co., Ltd.**

No. 1, Hong Yuan Road
Baisha Industrial Park, Yanfeng District
421005 Hengyang, Hunan Province
China

Basis:

- IEC 61646: 2008
EN 61646: 2008**
"Thin-film terrestrial photovoltaic (PV)
modules - Design qualification and type
approval"
- Factory Inspection**
To document the consistent quality of
the product factory inspections are
performed periodically.



- Qualified, IEC 61646
- Periodic inspection

Remarks:

- The details of the factory inspection are documented in report no. 21191905.001.
- [1] The specified power class includes the tolerance which is mentioned on the type label.

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 has a validity of 5 years counting from date of issue.

Cologne, 21 November 2012



Dipl.-Ing. M. Adrian