

# Zertifikat *Certificate*

**Zertifikatsnummer Certificate No.:**

PV 50659615 0009

**Berichtsnummer Report No.:**

50274576 072

**Genehmigungsinhaber License Holder:**

GCL System Integration Technology

Co., Ltd.

Jianghai Economic Zone,

Nanqiao Town, Fengxian District

201406 Shanghai

P.R. China

**Fertigungsstätte Manufacturing Site:**

3 Fertigungsstätten auf Folgeseiten

*Listing of 3 factories on following pages*
**Prüfzeichen Test Mark:**

**Geprüft nach Tested according to:**

IEC 61215-1:2016

IEC 61215-1-1:2016

IEC 61215-2:2016

IEC 61730-1:2016

IEC 61730-2:2016

EN IEC 61730-1:2018

EN IEC 61730-2:2018

**Geräteidentifikation**
*Product Identification*
**Produkt:** PV Module

*Product:*
**Modell:** Modelle sind auf nächste(r) Seite(n) gelistet

*Type:* *Type designation(s) are listed on the next page(s)*
**Technische Daten:** Class II acc. to IEC 61140

*Technical Data:* For other ratings, refer to the test report.

**Gültig bis:** 2030-02-10

*Date of expiry:*
**Gültig ab:** 2026-04-29

*Valid from:*
**Ausstellungsdatum:** 2026-04-29

*Date of issue:*
**Zertifizierungsstelle:**
*Certification body:*

Angela Yao



Dem Zertifikat liegt unsere Prüf- und Zertifizierungsordnung zugrunde.  
Das Produkt entspricht den o.g. Anforderungen, die Herstellung wird überwacht.  
*This certificate is based on our Testing and Certification Regulation. The product fulfills above mentioned requirements, the production is subject to surveillance.*

**TÜV Rheinland LGA Products GmbH, Tillystraße 2, 90431 Nürnberg**
<http://www.tuv.com/safety> E-mail: [markcheck@tuv.com](mailto:markcheck@tuv.com)

Fax: +49 221 806-3935

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**Produkt** *Product:* PV Module

**Modell** *Type:*

**Bezeichnung** *Designation:*

Max. system voltage: up to 1500 VDC (Voc at STC):

With ½ cut of 182 mono c-Si cell:

GCL-M10/72GDFxxx (xxx=520-565, in steps of 5, 144 cells)

GCL-M10/60GDFxxx (xxx=450-460, in steps of 5, 120 cells)

GCL-M10/54GDFxxx (xxx=390-415, in steps of 5, 108 cells)

GCL-M10/60GTxxx (xxx=450-460, in steps of 5, 120 cells)

GCL-M10/72GDF-Bxxx (xxx=520-555, in steps of 5, 144 cells)

GCL-M10/54GDF-Bxxx (xxx=390-415, in steps of 5, 108 cells)

GCL-M10/72GDF-Jxxx (xxx=520-555, in steps of 5, 144 cells)

GCL-M10/54GDF-Jxxx (xxx=390-415, in steps of 5, 108 cells)

GCL-M10/44GDF-Txxx (xxx=320-345, in steps of 5, 88 cells)

With ½ cut of 210 mono c-Si cell:

GCL-M12/66GDFxxx (xxx=630-675, in steps of 5, 132 cells)

GCL-M12/60GDFxxx (xxx=575-610, in steps of 5, 120 cells)

With ½ cut of 210 N-type mono c-Si cell:

GCL-NT12/66GDFxxx (xxx=660-745, in steps of 5, 132 cells)

GCL-NT12/60GDFxxx (xxx=600-675, in steps of 5, 120 cells)

With ½ cut of 182 N-type mono c-Si cell:

GCL-NT10/78GDFxxx (xxx=595-670, in steps of 5, 156 cells)

GCL-NT10/72GDFxxx (xxx=550-615, in steps of 5, 144 cells)

GCL-NT10/66GDFxxx (xxx=515-550, in steps of 5, 132 cells)

GCL-NT10/60GDFxxx (xxx=460-500, in steps of 5, 120 cells)

GCL-NT10/54GDFxxx (xxx=415-450, in steps of 5, 108 cells)

GCL-NT10/72GDF-Jxxx (xxx=550-615, in steps of 5, 144 cells)

GCL-NT10/54GDF-Jxxx (xxx=415-450, in steps of 5, 108 cells)

GCL-NT10/72GDF-Bxxx (xxx=550-615, in steps of 5, 144 cells)

GCL-NT10/54GDF-Bxxx (xxx=415-450, in steps of 5, 108 cells)

GCL-NT10/60GTxxx (xxx=460-500, in steps of 5, 120 cells)

GCL-NT10/44GDF-Txxx (xxx=340-360, in steps of 5, 88 cells)

GCL-NT10/72BGDFxxx (xxx=560-600, in steps of 5, 144 cells)

GCL-NT10/60BGDFxxx (xxx=470-500, in steps of 5, 120 cells)

GCL-NT10/54BGDFxxx (xxx=420-450, in steps of 5, 108 cells)

With ½ cut of N-type mono c-Si cell:

GCL-NT10R/72GDFxxx (xxx=570-625, in steps of 5, 144 cells)

GCL-NT10R/54GDFxxx (xxx=425-465, in steps of 5, 108 cells)

GCL-NT10R/54BGDFxxx (xxx=425-465, in steps of 5, 108 cells)

GCL-NT12R/78GDFxxx (xxx=695-745, in steps of 5, 156 cells)

GCL-NT12R/72GDFxxx (xxx=640-690, in steps of 5, 144 cells)

GCL-NT12R/66GDFxxx (xxx=580-655, in steps of 5, 132 cells)

GCL-NT12R/60GDFxxx (xxx=530-595, in steps of 5, 120 cells)

GCL-NT12R/54GDFxxx (xxx=475-535, in steps of 5, 108 cells)

GCL-NT12R/48GDFxxx (xxx=425-475, in steps of 5, 96 cells)

GCL-NT12R/66BGDFxxx (xxx=585-640, in steps of 5, 132 cells)

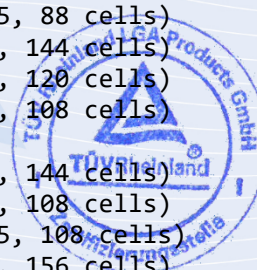
GCL-NT12R/60BGDFxxx (xxx=530-580, in steps of 5, 120 cells)

GCL-NT12R/54BGDFxxx (xxx=480-520, in steps of 5, 108 cells)

GCL-NT12R/48BGDFxxx (xxx=425-465, in steps of 5, 96 cells)

GCL-NT12R/66GFxxx (xxx=615-635, in steps of 5, 132 cells)

GCL-NT12R/60GFxxx (xxx=560-575, in steps of 5, 120 cells)



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**Produkt** *Product:* PV Module

**Modell** *Type:*

**Bezeichnung** *Designation:*

GCL-NT12R/54GFxxx (xxx=505-515, in steps of 5, 108 cells)

GCL-NT12R/48GFxxx (xxx=450-460, in steps of 5, 96 cells)

GCL-NT12R/66BGFxxx (xxx=610-630, in steps of 5, 132 cells)

GCL-NT12R/60BGFxxx (xxx=555-570, in steps of 5, 120 cells)

GCL-NT12R/54BGFxxx (xxx=500-515, in steps of 5, 108 cells)

GCL-NT12R/48BGFxxx (xxx=445-455, in steps of 5, 96 cells)

With ¼ cut of N-type mono c-Si cell:

GCL-NT12RQ/66GDFxxx (xxx=630-660, in steps of 5, 132 cells)

GCL-NT12RQ/60GDFxxx (xxx=570-600, in steps of 5, 120 cells)

GCL-NT12RQ/54GDFxxx (xxx=515-540, in steps of 5, 108 cells)

GCL-NT12RQ/48GDFxxx (xxx=455-480, in steps of 5, 96 cells)

With ½ cut of N-type mono c-Si cell:

GCL-NT12RT/66GDFxxx (xxx=630-660, in steps of 5, 132 cells)

GCL-NT12RT/60GDFxxx (xxx=570-600, in steps of 5, 120 cells)

GCL-NT12RT/54GDFxxx (xxx=515-540, in steps of 5, 108 cells)

GCL-NT12RT/48GDFxxx (xxx=455-480, in steps of 5, 96 cells)

With ½ cut of BC mono c-Si cell:

GCL-NR12R/66GDFxxx (xxx=585-670, in steps of 5, 132 cells)

GCL-NR12R/48GDFxxx (xxx=430-485, in steps of 5, 96 cells)

GCL-NR12R/66BGDFxxx (xxx=595-625, in steps of 5, 132 cells)

GCL-NR10R/54BGDFxxx (xxx=460-485, in steps of 5, 108 cells)

GCL-NR12R/48BGDFxxx (xxx=435-450, in steps of 5, 96 cells)

In addition:

With ½ cut of BC mono c-Si cell:

GCL-NR10R/54GDFxxx (xxx=460-495, in steps of 5, 108 cells)

Power range extension for following models:

With ½ cut of BC mono c-Si cell:

GCL-NR10R/54BGDFxxx (xxx=490, 108 cells)

xxx represents output power in Wp



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**Produkt** *Product:*

PV Module

**Fertigungsstätten** *Factories:*

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- 1 Hefei GCL System Integration New Energy Technology Co., Ltd.  
Southeast Corner of Intersection of Sidingshan Road and Ruquan Road, Hefei Circular Economy Demonstration Park, Feidong County, Hefei, 231602 Anhui  
P.R. China
- 2 Guangde GCL New Energy Technology Co., Ltd.  
No. 12, Guangzao Road, Guangde Economic Development Zone, Xuancheng, 242200 Anhui  
P.R. China
- 3 Funing GCL System Integration Technology Co., Ltd.  
No. 888(A) Hong Kong Road, Funing Economic Development Zone, Yancheng City  
Jiangsu  
P.R. China

