

Zertifikat *Certificate*

Zertifikatsnummer *Certificate No.:*

PV 50684792 0001

Berichtsnummer *Report No.:*

CN23YV6C 012

Genehmigungsinhaber *License Holder:*

Cloud Live Technology Group Co.,Ltd.
Room 209, 2nd Floor, Building 4,
No. 39 Linfeng 2nd Road, Haidian District
100095 Beijing
P.R. China

Fertigungsstätte *Manufacturing Site:*

2 Fertigungsstätten auf Folgeseiten
Listing of 2 factories on following pages

Prüfzeichen *Test Mark:*

Geprüft nach *Tested according to:*

IEC 61215-1:2021
IEC 61215-1-1:2021
IEC 61215-2:2021
IEC 61730-1:2023
IEC 61730-2:2023
EN IEC 61215-1:2021
EN IEC 61215-1-1:2021
EN IEC 61215-2:2021
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: 2029-01-22
Date of expiry:

Gültig ab: 2025-07-03
Valid from:

Ausstellungsdatum: 2025-07-03
Date of issue:

Zertifizierungsstelle:
Certification body:

Elle Hu



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

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 N-type mono c-Si cell:

ZK-NT12R/78GDFxxx (xxx=695-745, in steps of 5, 156 cells, Pmax@BNPI=770-820)

ZK-NT12R/72GDFxxx (xxx=640-690, in steps of 5, 144 cells, Pmax@BNPI=710-760)

ZK-NT12R/66GDFxxx (xxx=580-635, in steps of 5, 132 cells, Pmax@BNPI=640-695)

ZK-NT12R/60GDFxxx (xxx=530-575, in steps of 5, 120 cells, Pmax@BNPI=585-630)

ZK-NT12R/54GDFxxx (xxx=475-515, in steps of 5, 108 cells, Pmax@BNPI=525-565)

ZK-NT12R/48GDFxxx (xxx=425-460, in steps of 5, 96 cells, Pmax@BNPI=470-505)

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

ZK-NT12/66GDFxxx (xxx=660-735, in steps of 5, 132 cells, Pmax@BNPI=730-805)

ZK-NT12/60GDFxxx (xxx=600-665, in steps of 5, 120 cells, Pmax@BNPI=665-730)

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

ZK-NT10/78GDFxxx (xxx=595-670, in steps of 5, 156 cells, Pmax@BNPI=655-730)

ZK-NT10/72GDFxxx (xxx=550-615, in steps of 5, 144 cells, Pmax@BNPI=605-670)

ZK-NT10/66GDFxxx (xxx=515-550, in steps of 5, 132 cells, Pmax@BNPI=570-610)

ZK-NT10/60GDFxxx (xxx=460-500, in steps of 5, 120 cells, Pmax@BNPI=505-545)

ZK-NT10/54GDFxxx (xxx=415-450, in steps of 5, 108 cells, Pmax@BNPI=455-490)

xxx represents output power at STC in Wp

Remarks:

Fire Rating: Class A (according to UL 790)

Design Load / Safety Factors: 3600 Pa / 1.5 (downward)

1600 Pa / 1.5 (upward)

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.



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Produkt *Product:*
PV Module

Fertigungsstätten *Factories:*

1 040-0002365550

2 040-0002016151

