

# CERTIFICATE

**TÜV NORD CERT GmbH**  
herewith declares that

**Kalyon Güneş Teknolojileri Üretim A.Ş.**  
Başkent Organize Sanayi Bölgesi Şadi Türk Bulvarı No:23  
Malıköy Sincan, Ankara, 06909  
Turkey

is authorized to provide the product mentioned below with the mark as illustrated:



**Description of product (details see Annex 2):**

**Crystalline Silicon Terrestrial Photovoltaic (PV) Modules**

Valid until: 2027-03-02

Certification program:	P12-VA-01 Rev. 17 09.20
Certification fundamental(s):	IEC 62716:2013 / EN 62716:2013 + AC:2014.
Registered No.:	44 780 22 406749 - 041
Manufacturer:	see Annex 1
Test Report No.:	492011946.001
File No.:	PVP08060/21P-06



**TÜV NORD CERT GmbH**  
**Certification Body**  
**Consumer Products**



Essen, 2022-03-03

Please also pay attention to the information stated overleaf.

Anlage 1 zum Zertifikat Nr.: / Annex 1 to Certificate No.: 44 780 22 406749 - 041

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Aktenzeichen: / File reference: PVP08060/21P-06

2022-03-03

**Manufacturer:**

Manufacturer 1:

**Kalyon Güneş Teknolojileri Üretim A.Ş.**

Başkent Organize Sanayi Bölgesi Şadi Türk Bulvarı No:23

Malıköy Sincan, Ankara, 06909, Turkey

Factory inspection report no.:

862010507.002

Manufacturer 2:

**Hunan Red Solar New Energy Science and Technology Co., Ltd.**

No. 586, West Tongzipo Road, High-tech Development Zone

Changsha City, Hunan Province, 410205, P.R. China

Factory inspection report no.:

862010414.003

**Remark:**

Factory inspection is mandatory to be performed annually. Please refer to factory inspection report for detailed information.



**TÜV NORD CERT GmbH**  
**Certification Body**  
**Consumer Products**

### Description of product(s):

Module types: **Double Glass PV Modules with 6" Half-cut Mono p-type Bifacial Solar Cells:**

144 cells: KY-xxxB-72H-GF (xxx = 380-405, in increment of 5)

120 cells: KY-xxxB-60H-GF (xxx = 315-335, in increment of 5)

Maximum system voltage: 1500V

Fuse rating: 25A

Application class: Class A

Electrical protection class: Class II

Module types: **Double Glass PV Modules with 7" Half-cut Mono p-type Bifacial Solar Cells:**

144 cells: KY-xxxB-72H-GF (xxx = 510-535, in increment of 5)

120 cells: KY-xxxB-60H-GF (xxx = 425-445, in increment of 5)

Maximum system voltage: 1500V

Fuse rating: 25A

Application class: Class A

Electrical protection class: Class II

Remark:

For detailed product information, please refer to CDF (Constructional Data Form) in Annex 1 of test report.



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