

# CERTIFICATE

**TÜV NORD CERT GmbH**  
herewith declares that

**Kivanc Enerji Uretim Anonim Sirketi**  
Ulucamii Mahallesi Abidinpasa Caddesi No:54/18  
Seyhan/ADANA  
TÜRKIYE

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 from: 2023-03-21

Valid until: 2028-03-20

Certification program:	P12-VA-01 Rev. 17 09.20
Certification fundamental(s):	IEC / EN 61215-1:2016; IEC / EN 61215-1-1:2016; IEC 61215-2:2016 / EN 61215-2:2017 + AC:2017 + AC:2018; IEC 61730-1:2016 / EN IEC 61730-1:2018 + AC:2018; IEC 61730-2:2016 / EN IEC 61730-2:2018 + AC:2018.
Registered No.:	44 780 23 406749 - 064
Manufacturer:	see Annex 1
Test Report No.:	492012330.001
File No.:	PVP08018/22P



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



Essen, 2023-03-21

Please also pay attention to the information stated overleaf.

**Manufacturer:**

Manufacturer: **Kivanc Enerji Uretim Anonim Sirketi**  
Sahin Mahallesi Sait Polat Bulvarı No:396, Yenice/Tarsus/Mersin,  
TÜRKİYE

Factory inspection report no.: 862010722.001

**Remark:**

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



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**Certification Body**  
**Consumer Products**

**Description of product(s):**

Module types:	<b>PV Modules with 182mm Half-cut Mono-crystalline Silicon Solar Cells</b> 144 cells: KVNC-xxxM-72H-GBF (xxx = 520-560, in increment of 5) 132 cells: KVNC-xxxM-66H-GBF (xxx = 475-510, in increment of 5) 120 cells: KVNC-xxxM-60H-GBF (xxx = 435-465, in increment of 5) 108 cells: KVNC-xxxM-54H-GBF (xxx = 390-420, in increment of 5)
Maximum system voltage:	1500V
Fuse rating:	25A
Electrical protection class:	Class II
Pollution degree:	1
Material group:	I
Design load (positive / negative):	3600Pa / 1600Pa
Safety factors:	1.5
Fire safety class:	Class C according to ANSI/UL 1703-2018 (as per ANSI/UL 790-2018)

**Remark:**

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



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