

CERTIFICATE

TÜV NORD CERT GmbH

herewith declares that

ZES Solar Enerji Tedarik ve Ticaret A.Ş

Esentepe Mah. Büyükdere Cad. No:199

İç Kapı No:1 Şişli

İSTANBUL

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: 2024-05-20

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;

IEC 61730-1:2016 / EN IEC 61730-1:2018;

IEC 61730-2:2016 / EN IEC 61730-2:2018.

Registered No.:

44 780 24 406749 - 193

Manufacturer and factory(-ies):

See Annex 1

Test Report No.:

492013165.001

File No.:

PVP04035/24P



TÜV NORD CERT GmbH

Certification Body

Consumer Products

Essen, 2024-05-20

Please also pay attention to the information stated overleaf.

Anlage 1 zum Zertifikat Nr.: / Annex 1 to Certificate No.: 44 780 24 406749 - 193

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Aktenzeichen: / File reference: PVP04035/24P

2024-05-20

Manufacturer and factory(-ies):

Manufacturer:

ZES Solar Enerji Tedarik ve Ticaret A.Ş

Esentepe Mah. Büyükdere Cad. No:199

İç Kapı No:1 Şişli/İSTANBUL

Factory:

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.



TÜV NORD CERT GmbH
Certification Body
Consumer Products

Description of product(s):

Module types:	PV Modules with 182mm Half-cut Mono-crystalline Silicon Solar Cells 144 cells: ZES-xxx-HC182-03 (xxx = 520-560, in increment of 5)
Maximum system voltage:	1500V
Overcurrent protection rating:	25A
Electrical protection class:	Class II
Pollution degree:	1
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).



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Consumer Products

Certificate of conformity with the following European Directives

Registered No.:
44 799 24 406749 - 171

Low-Voltage Directive 2014/35/EU

Date of application	File reference	Test report No.	Date of issue	Place of issue
2024-04-17	PVP04035/24P	492013165.001	2023-05-20	Essen

This is to certify that the following products comply to the essential requirements of the above mentioned European Directive and the following standards, taking into account the German national deviations:

Product: Crystalline Silicon Terrestrial Photovoltaic (PV) Modules

Type designation: See Annex 1

Applicant: **ZES Solar Enerji Tedarik ve Ticaret A.Ş**
Esentepe Mah. Büyükdere Cad. No:199
İç Kapı No:1 Şişli/İSTANBUL

Standard(s): EN IEC 61730-1:2018; EN IEC 61730-1:2018/AC:2018-06
EN IEC 61730-2:2018; EN IEC 61730-2:2018/AC:2018-06

This Certificate of conformity is based on the evaluation of samples of the product. It does not imply an assessment of the production and it does not permit the use of a mark of conformity or of a safety mark of the TÜV NORD CERT GmbH. The holder of this certificate may use this Certificate together with his EC-Declaration of Conformity.



Certification Body
Specialist Manager Consumer Products

TÜV NORD CERT GmbH
Am TÜV 1
D-45307 Essen
P.O.Box 10 32 61
D-45032 Essen
Fon: +49 (0)201 825-5120
Fax: +49 (0)201 825-3209
Email: prodcert@tuev-nord.de

Anlage 1 zum Zertifikat Nr.: / Annex 1 to Certificate No.: **44 799 24 406749 - 171**

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Aktenzeichen: / File reference: **PVP04035/24P**

2024-05-20

Description of product(s):

Module types: **PV Modules with 182mm Half-cut Mono-crystalline Silicon Solar Cells**
144 cells: ZES-xxx-HC182-03 (xxx = 520-560, in increment of 5)



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