

Certificate



This certifies that the company:

SET SOLAR ENERJİ SİSTEMLERİ ANONİM ŞİRKETİ
AYDIN MAH. AYDIN KÜME EVLER NO: 78
KAHRAMANKAZAN/ANKARA

is authorized to provide the product(s) mentioned below with the mark as illustrated.

Manufacturer and factory(-ies): See Annex 1

Description of product(s) (details see Annex 2): **Crystalline Silicon Terrestrial Photovoltaic (PV) Modules**

Certification program: P12-VA-01 Rev. 17 / 09.20

Certification fundamental(s): IEC 61215-1:2021 / EN IEC 61215-1:2021,
IEC 61215-1-1:2021 / EN IEC 61215-1-1:2021, IEC 61215-2:2021 / EN IEC 61215-2:2021,
IEC 61730-1:2023, IEC 61730-2:2023

It is certified by TÜV NORD CERT GmbH that the product(s) described above has(have) been assessed according to the certification program mentioned above and found in compliance with the requirements of above specified certification fundamental(s). This certification is based on evaluation results as documented in test report(s) referenced below and production site(s) audit results as documented in factory inspection report(s) referenced in Annex 1. This certificate is valid in conjunction with these quoted report(s).

Registration no.: 44 780 25 406749 - 234

Report no.: 492013942.001

File no.: PVP08108/24P-01

Valid from: 2025-09-09

Valid until: 2030-09-08

Essen, 2025-09-09

Certification Body - Consumer Products

TÜV NORD CERT GmbH

Am TÜV 1, 45307 Essen, Germany

tuev-nord-cert.de | prodcert@tuev-nord.de

Please also pay attention to the information stated overleaf.

TÜV®



Visit our database to
verify the validity of
this certificate.

Annex 1

to certificate registration no. 44 780 25 406749 - 234

Manufacturer: SET SOLAR ENERJİ SİSTEMLERİ ANONİM ŞİRKETİ
AYDIN MAH. AYDIN KÜME EVLER NO: 78 KAHRAMANKAZAN/ANKARA

Factory: SET SOLAR ENERJİ SİSTEMLERİ ANONİM ŞİRKETİ
BÜYÜKOSB MAH. NEVZAT AYAZ BUL. NO.2/1 KORGUN OSB KORGUN-ÇANKIRI

Factory inspection report no.: 862011094.001

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

Essen, 2025-09-09
Certification Body – Consumer Products

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Annex 2

to certificate registration no. 44 780 25 406749 - 234

Description of product(s):

Module types:	Single glass PV Modules with Half-cut 182mm TOPCon Solar Cells: 156 cells: SET 78-182M16-BF xxxW (xxx=610-635, in steps of 5) 144 cells: SET 72-182M16-BF xxxW (xxx=565-585, in steps of 5) 120 cells: SET 60-182M16-BF xxxW (xxx=470-485, in steps of 5) xxx indicates rated output power generated from front side under STC
Maximum system voltage:	1500V
Maximum overcurrent protection rating:	35A
Electrical protection class:	Class II
Pollution degree:	1
98 th percentile module operating temperature (T ₉₈):	70°C
Design load (positive / negative):	1600Pa / 1600Pa
Safety factors:	1.5
Fire safety class:	Class C according to UL790
Isc bifaciality coefficient (ϕ _{Isc}):	80% ± 5%

Remark:

For detailed product information, please refer to CDF (Constructional Data Form) with the same file no.

Isc bifaciality coefficient (ϕ_{Isc}) = $I_{SCrear}/I_{SCfront}$, as defined in IEC TS 60904-1-2.

The tolerance of Isc bifaciality coefficient (ϕ_{Isc}) is claimed by client.



Essen, 2025-09-09

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