

CERTIFICATE

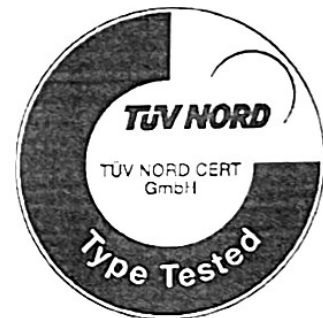
TÜV NORD CERT GmbH
herewith declares that

SWISS SOLAR AG
Bahnhofstrasse 21, CH-6300 Zug, Switzerland

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

Description of product (details see Annex 2):

PV Modules with 7" Half Cut Mono-crystalline Silicon Solar Cells



Valid from: 2021-04-15

Valid until: 2023-05-09

Tested according to: 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 21 406749 - 050
Manufacturer: see Annex 1
Test Report No.: 492011649.001
File No.: PVP04001/21P



TÜV NORD CERT GmbH
Certification Body
Consumer Products



Essen, 2021-04-15



Please also pay attention to the information stated overleaf.

Anlage 1 zum Zertifikat Nr.: / Annex 1 to Certificate No.: 44 780 21 406749 - 050

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Aktenzeichen: / File reference: PVP04001/21P

2021-04-15

Manufacturer:

Manufacturer: Coded by debtor no. 55403167
Factory inspection report no.: 862010379.003

Remark:

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

A handwritten signature in black ink, appearing to read 'Rogers', is positioned above the company name.

TÜV NORD CERT GmbH
Certification Body
Consumer Products



**Certificate
of conformity with the following
European Directives**

Registered No.:
44 799 21 406749 - 031

Low-Voltage Directive 2014/35/EU

Date of application	File reference	Test report No.	Date of issue	Place of issue
2021-04-01	PVP04001/21P	492011649.001	2021-04-15	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: **SWISS SOLAR AG**
Bahnhofstrasse 21, CH-6300 Zug, Switzerland

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
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D-45141 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

Description of product(s):

Module types:	PV Modules with 7" Half Cut Mono-crystalline Silicon Solar Cells: 156 cells: IBEX-156MHC-EiGER-***W (***=560-605, in increment of 5) 144 cells: IBEX-144MHC-EiGER-***W (***=515-555, in increment of 5) 132 cells: IBEX-132MHC-EiGER-***W (***=475-510, in increment of 5) 120 cells: IBEX-120MHC-EiGER-***W (***=430-465, in increment of 5) 108 cells: IBEX-108MHC-EiGER-***W (***=390-415, in increment of 5)
Maximum system voltage:	1500V
Fuse rating:	25A
Electrical protection class:	Class II
Pollution degree:	1
Material group:	I or II
Design load (positive / negative):	3600Pa (positive) / 1600Pa (negative)
Safety factors:	1.5
Fire safety class:	Class C according to ANSI/UL 1703-2018 (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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Consumer Products



Description of product(s):

Module types:

PV Modules with 7" Half Cut Mono-crystalline Silicon Solar Cells:

156 cells: IBEX-156MHC-EiGER-***W (***=560-605, in increment of 5)

144 cells: IBEX-144MHC-EiGER-***W (***=515-555, in increment of 5)

132 cells: IBEX-132MHC-EiGER-***W (***=475-510, in increment of 5)

120 cells: IBEX-120MHC-EiGER-***W (***=430-465, in increment of 5)

108 cells: IBEX-108MHC-EiGER-***W (***=390-415, in increment of 5)



TÜV NORD CERT GmbH
Certification Body
Consumer Products

ZERTIFIKAT

CERTIFICADO

CERTИФИКАТ

認證證書

CERTIFICATE

ZERTIFIKAT



Management Service

CERTIFICATE

The Certification Body
of TÜV SÜD Management Service GmbH
certifies that

swiss solar QUALITY
TECHNOLOGY

SWISS SOLAR AG

Bahnhofstrasse 21
6300 Zug
Switzerland

has established and applies
an Occupational Health and Safety Management System for

**Sales of solar modules,
solar inverters and mounting system.**

An audit was performed, Order No. **707127772**.

Proof has been furnished that the requirements
according to

ISO 45001:2018

are fulfilled.

The certificate is valid in conjunction
with the main certificate from **2021-06-17** until **2024-06-16**.

Certificate Registration No.: **12 117 62049/02 TMS**.



Paul J. J.

Head of Certification Body
Munich, 2021-06-21



DAKKS
Deutsche
Akkreditierungsstelle
D-ZM-14143-01-00

CE KONFORMITÄTSERKLÄRUNG/ CE DECLARATION OF CONFORMITY:

HERSTELLER NAME NAME OF MANUFACTURER	SWISS SOLAR AG
ADRESSE DES HERSTELLERS MANUFACTURER ADDRESS	Bahnhofstrasse 21, CH-6300 Zug, Schweiz Switzerland
PRODUKT PRODUCT	Photovoltaikmodul Photovoltaic Module
DATUM DER CE KENNZEICHNUNG CE DATE OF MARKING	01.06.2020
MARKE BRAND	swiss solar

MODEL TYPEN / MODEL TYPES:

Wir erklären auf eigene Verantwortung, dass das oben genannte Produkt in Konformität mit den folgenden Standards ist:
We declare under sole responsibility, that the above-referenced product is in conformity with the standards of:

MONOKRISTALLINE MODULE | MONOCRYSTALLINE MODULES

• IBEX 72-XXXM-PERC	• IBEX 144MHC-XXX-AEON	• IBEX 144MHC-XXX-DUO	• IBEX 144MHC-XXX-COSMOS	• IBEX 144MHC-XXX-AEON-BIFACIAL
• IBEX 60-XXXM-PERC	• IBEX 120MHC-XXX-AEON	• IBEX 120MHC-XXX-DUO	• IBEX 120MHC-XXX-COSMOS	• IBEX 120MHC-XXX-AEON-BIFACIAL
• IBEX 144MHC-XXX-DUO BLACK	• IBEX 72-XXXM-AEON			
• IBEX 120MHC-XXX-DUO BLACK	• IBEX 60-XXXM-AEON			
	• IBEX 144MHC-XXX-COSMOS BLACK			
	• IBEX 120MHC-XXX-COSMOS BLACK			
• IBEX 108MHC-XXX-EIGER	• IBEX 120MHC-EIGER BIFACIAL	• IBEX 144MHC-EIGER BIFACIAL	• IBEX 50M-EIGER BLACK	
• IBEX 108MHC-XXX-EIGER BLACK	• IBEX 132MHC-XXX-EIGER	• IBEX 144BF-MHC-XXX-EIGER	• IBEX 54M-XXX-EIGER	
• IBEX 108BF-MHC-XXX-EIGER	• IBEX 132MHC-XXX-EIGER BLACK	• IBEX 156MHC-XXX-EIGER	• IBEX 54M-XXX-EIGER BLACK	
• IBEX 108MHC-EIGER BIFACIAL	• IBEX 132BF-MHC-XXX-EIGER	• IBEX 156MHC-XXX-EIGER BLACK	• IBEX 60M-XXX-EIGER	
• IBEX 120MHC-XXX-EIGER	• IBEX 132MHC-EIGER BIFACIAL	• IBEX 156MHC-EIGER BIFACIAL	• IBEX 60M-XXX-EIGER BLACK	
• IBEX 120MHC-XXX-EIGER BLACK	• IBEX 144MHC-XXX-EIGER	• IBEX 156BF-MHC-XXX-EIGER	• IBEX 66M-XXX-EIGER	
• IBEX 120BF-MHC-XXX-EIGER	• IBEX 144MHC-XXX-EIGER BLACK	• IBEX 50M-EIGER	• IBEX 66M-XXX-EIGER BLACK	

POLYKRISTALLINE MODULE | POLYCRYSTALLINE MODULES

• IBEX 144PHC-XXX-PLUTO	• IBEX 144PHC-XXX-AEON
• IBEX 120PHC-XXX-PLUTO	• IBEX 120PHC-XXX-AEON
• IBEX 72P-PLUTO	• IBEX 72P-XXX-AEON
• IBEX 60P-PLUTO	• IBEX 60P-XXX-AEON

Directive 2014/30/EU
Directive 2014/35/EU

(Electro Magnetic Compability Directive)
(Low Voltage Directive)

VORSCHRIFTEN DIE PHOTOVOLTAIKMODULE BETREFFEND | STANDARDS USED FOR PHOTOVOLTAIC MODULES:

Directive 2014/30/EU (EMC Directive)

EN 61000-6-1:2007
EN 61000-6-3:2007 + A1:2011

EN 61000-3-2:2014
EN 61000-3-3:2013

Directive 2014/35/EU (Low Voltage Directive)

EN 61730-1:2007 A1:2012 + A2:2013
EN 61730-2:2007 A1:2012

Zug, 01.06.2020



Peter Szokolczai

CEO
Swiss Solar AG



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