

# CERTIFICATE

**TÜV NORD CERT GmbH**  
herewith declares that

**RECOM SILLIA s a s**  
4, Avenue Pierre Marzin  
22300 LANNION  
FRANCE

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: 2021-12-16

Valid until: 2027-10-19

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 21 406749 - 272
Manufacturer:	see Annex 1
Test Report No.:	492011779.001
File No.:	PVP08021/21P-01



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Certification Body  
Consumer Products



Essen, 2021-12-16

Please also pay attention to the information stated overleaf.

Anlage 1 zum Zertifikat Nr.: / Annex 1 to Certificate No.: 44 780 21 406749 - 272

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Aktenzeichen: / File reference: PVP08021/21P-01

2021-12-16

**Manufacturer:**

Manufacturer: Coded by debtor no. 55390908

Factory inspection report no.: 862010358.005

**Remark:**

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

A handwritten signature in blue ink, appearing to read "Rolfen Albas".

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**Description of product(s):**

Module types:

**PV Modules with Segmented 6" PERC Mono-crystalline Silicon Solar Cells**

432 cells: RCM-xxx-SML (xxx = 445-480, in increment of 5)  
432 cells: RCM-xxx-SML-BB (xxx = 445-480, in increment of 5)  
432 cells: RCM-xxx-SML-BW (xxx = 445-480, in increment of 5)  
432 cells: RCM-xxx-SBML (xxx = 445-480, in increment of 5)  
432 cells: RCM-xxx-SBML-BB (xxx = 445-480, in increment of 5)  
432 cells: RCM-xxx-SBML-BW (xxx = 445-480, in increment of 5)  
408 cells: RCM-xxx-SMA "G1" (xxx = 420-455, in increment of 5)  
408 cells: RCM-xxx-SMA-BB "G1" (xxx = 420-455, in increment of 5)  
408 cells: RCM-xxx-SMA-BW "G1" (xxx = 420-455, in increment of 5)  
408 cells: RCM-xxx-SMA (xxx = 460-500, in increment of 5)  
408 cells: RCM-xxx-SMA-BB (xxx = 460-500, in increment of 5)  
408 cells: RCM-xxx-SMA-BW (xxx = 460-500, in increment of 5)  
408 cells: RCM-xxx-SBMA "G1" (xxx = 420-455, in increment of 5)  
408 cells: RCM-xxx-SBMA (xxx = 460-500, in increment of 5)  
408 cells: RCM-xxx-SBMA-BB (xxx = 460-500, in increment of 5)  
408 cells: RCM-xxx-SBMA-BW (xxx = 460-500, in increment of 5)  
360 cells: RCM-xxx-SMK (xxx = 370-400, in increment of 5)  
360 cells: RCM-xxx-SMK-BB (xxx = 370-400, in increment of 5)  
360 cells: RCM-xxx-SMK-BW (xxx = 370-400, in increment of 5)  
360 cells: RCM-xxx-SBMK (xxx = 370-400, in increment of 5)  
360 cells: RCM-xxx-SBMK-BB (xxx = 370-400, in increment of 5)  
360 cells: RCM-xxx-SBMK-BW (xxx = 370-400, in increment of 5)  
340 cells: RCM-xxx-SMB "G1" (xxx = 350-380, in increment of 5)  
340 cells: RCM-xxx-SMB-BB "G1" (xxx = 350-380, in increment of 5)  
340 cells: RCM-xxx-SMB-BW "G1" (xxx = 350-380, in increment of 5)  
340 cells: RCM-xxx-SMB (xxx = 380-415, in increment of 5)  
340 cells: RCM-xxx-SMB-BB (xxx = 380-415, in increment of 5)  
340 cells: RCM-xxx-SMB-BW (xxx = 380-415, in increment of 5)  
340 cells: RCM-xxx-SBMB "G1" (xxx = 350-380, in increment of 5)  
340 cells: RCM-xxx-SBMB (xxx = 380-415, in increment of 5)  
340 cells: RCM-xxx-SBMB-BB (xxx = 380-415, in increment of 5)  
340 cells: RCM-xxx-SBMB-BW (xxx = 380-415, in increment of 5)

Maximum system voltage: 1500V

Fuse rating: 20A

Electrical protection class: Class II



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Pollution degree: 1  
Material group: III or II or I, refer to CDF for details  
Design load (positive / negative): 2400Pa / 2400Pa or 3600Pa / 1600Pa, refer to CDF for details  
Safety factors: 1.5  
Fire safety class: Class C according to ANSI/UL 1703-2018 (as per ANSI/UL 790-2018)

Module types: **PV Modules with Segmented 8" PERC Mono-crystalline Silicon Solar Cells**

414 cells: RCM-xxx-SMT2 (xxx = 645-655, in increment of 5)  
414 cells: RCM-xxx-SBMT2 (xxx = 645-655, in increment of 5)  
408 cells: RCM-xxx-SMT (xxx = 635-655, in increment of 5)  
408 cells: RCM-xxx-SBMT (xxx = 635-655, in increment of 5)  
390 cells: RCM-xxx-SMT1 (xxx = 605-625, in increment of 5)  
390 cells: RCM-xxx-SBMT1 (xxx = 605-625, in increment of 5)  
345 cells: RCM-xxx-SMS1 (xxx = 535-550, in increment of 5)  
345 cells: RCM-xxx-SBMS1 (xxx = 535-550, in increment of 5)  
340 cells: RCM-xxx-SMS (xxx = 530-545, in increment of 5)  
340 cells: RCM-xxx-SBMS (xxx = 530-545, in increment of 5)  
325 cells: RCM-xxx-SMC (xxx = 505-520, in increment of 5)  
325 cells: RCM-xxx-SBMC (xxx = 505-520, in increment of 5)  
320 cells: RCM-xxx-SBMD1 (xxx = 425-445, in increment of 5)  
320 cells: RCM-xxx-SMD1 (xxx = 425-445, in increment of 5)  
320 cells: RCM-xxx-SMD1-BB (xxx = 420-440, in increment of 5)

Maximum system voltage: 1500V  
Fuse rating: 30A or 25A, refer to CDF for details  
Electrical protection class: Class II  
Pollution degree: 1  
Material group: III or II or I, refer to CDF for details  
Design load (positive / negative): 3600Pa / 1600Pa, refer to CDF for details  
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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