

Certificate of conformity with the following European Directives

Registered No.:
44 799 23 406749 - 209

Low-Voltage Directive 2014/35/EU

Date of application	File reference	Test report No.	Date of issue	Place of issue
2023-06-27	PVP06169/23P-02	492012580.001	2023-07-24	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: **Emrys Solar GmbH**
Sontraer Str. 9 60386 Frankfurt am Main

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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Description of product(s):

Module types: **PV Modules with 182mm Mono-crystalline Silicon Half-cut Solar Cells**
156 cells: ESxxxM78-S2 (xxx = 565-595, in increment of 5)
144 cells: ESxxxM72-S2 (xxx = 520-565, in increment of 5)
132 cells: ESxxxM66-S2 (xxx = 480-515, in increment of 5)
120 cells: ESxxxM60-S2 (xxx = 435-470, in increment of 5)
108 cells: ESxxxM54-S2 (xxx = 395-420, in increment of 5)

Module types: **PV Modules with 210mm Mono-crystalline Silicon Half-cut Solar Cells**
132 cells: ESxxx-M66-S3 (xxx = 640-670, in increment of 5)
120 cells: ESxxx-M60-S3 (xxx = 585-605, in increment of 5)
108 cells: ESxxx-M54-S3 (xxx = 525-545, in increment of 5)
96 cells: ESxxx-M48-S3 (xxx = 465-485, in increment of 5)
84 cells: ESxxx-M42-S3 (xxx = 405-425, in increment of 5)
110 cells: ESxxx-M55-S3 (xxx = 530-555, in increment of 5)
100 cells: ESxxx-M66-S3 (xxx = 480-505, in increment of 5)
90 cells: ESxxx-M45-S3 (xxx = 430-455, in increment of 5)
80 cells: ESxxx-M40-S3 (xxx = 390-400, in increment of 5)

Module types: **PV Modules with 210mm Mono-crystalline Silicon 1/3-cut Solar Cells**
150 cells: ESxxxM75-S3 (xxx = 485-510, in increment of 5)
120 cells: ESxxxM60-S3 (xxx = 385-405, in increment of 5)

Module types: **PV Modules with Half-cut 182mm TOPCon Mono-crystalline Silicon Solar Cells:**
156 cells: ESxxxM78-NT2 (xxx = 605-630, in increment of 5)
144 cells: ESxxxM72-NT2 (xxx = 560-580, in increment of 5)
132 cells: ESxxxM66-NT2 (xxx = 510-530, in increment of 5)
120 cells: ESxxxM60-NT2 (xxx = 465-485, in increment of 5)
108 cells: ESxxxM54-NT2 (xxx = 420-435, in increment of 5)



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