

# Zertifikat *Certificate*

**Zertifikatsnummer Certificate No.:**

PV 50616440 0001

**Berichtsnummer Report No.:**

CN239Z4Z 008

**Genehmigungsinhaber License Holder:**

Solar Hero GmbH  
Rheinpromenade 11  
40789 Monheim am Rhein  
Deutschland

**Fertigungsstätte Manufacturing Site:**

2 Fertigungsstätten auf Folgeseiten  
*Listing of 2 factories on following pages*

**Prüfzeichen Test Mark:**

**Geprüft nach Tested according to:**

IEC 61215-1:2021  
IEC 61215-1-1:2021  
IEC 61215-2:2021  
IEC 61730-1:2016  
IEC 61730-2:2016  
EN IEC 61215-1:2021  
EN IEC 61215-1-1:2021  
EN IEC 61215-2:2021  
EN IEC 61730-1:2018  
EN IEC 61730-2:2018

**Geräteidentifikation**
*Product Identification*
**Produkt:** PV Module

*Product:*
**Modell:** Modelle sind auf nächste(r) Seite(n) gelistet

*Type:* *Type designation(s) are listed on the next page(s)*
**Technische Daten:** Class II acc. to IEC 61140

*Technical Data:* For other ratings, refer to the test report.

**Gültig bis:** 2028-07-20

*Date of expiry:*
**Gültig ab:** 2024-01-18

*Valid from:*
**Ausstellungsdatum:** 2024-01-18

*Date of issue:*
**Zertifizierungsstelle:**
*Certification body:*

Dipl.-Ing. (FH) Fan He



Dem Zertifikat liegt unsere Prüf- und Zertifizierungsordnung zugrunde.  
Das Produkt entspricht den o.g. Anforderungen, die Herstellung wird überwacht.  
*This certificate is based on our Testing and Certification Regulation. The product fulfills above mentioned requirements, the production is subject to surveillance.*

**TÜV Rheinland LGA Products GmbH, Tillystraße 2, 90431 Nürnberg**
<http://www.tuv.com/safety> E-mail: [markcheck@tuv.com](mailto:markcheck@tuv.com)

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**Produkt** *Product:* PV Module

**Modell** *Type:*

**Bezeichnung** *Designation:*

Max. system voltage: up to 1500 VDC (Voc at STC):

With 1/2 cut mono c-Si cells (Under STC):

HERO®PV xxxN-TOP1-156S (xxx=595-635, in steps of 5, 156 cells)

HERO®PV xxxN-TOP2-156S (xxx=595-635, in steps of 5, 156 cells)

HERO®PV xxxN-TOP1-144S (xxx=550-585, in steps of 5, 144 cells)

HERO®PV xxxN-TOP2-144S (xxx=550-585, in steps of 5, 144 cells)

HERO®PV xxxN-TOP1-120S (xxx=460-485, in steps of 5, 120 cells)

HERO®PV xxxN-TOP2-120S (xxx=460-485, in steps of 5, 120 cells)

HERO®PV xxxN-TOP1-S (xxx=415-440, in steps of 5, 108 cells)

HERO®PV xxxN-TOP2-S (xxx=415-440, in steps of 5, 108 cells)

HERO®PV xxxN-TOP2 (xxx=415-440, in steps of 5, 108 cells)

HERO®PV xxxN-TOP3 (xxx=415-440, in steps of 5, 108 cells)

HERO®PV xxxPD1-144S (xxx=520-555, in steps of 5, 144 cells)

HERO®PV xxxPD2-144S (xxx=520-555, in steps of 5, 144 cells)

HERO®PV xxxPD1-S (xxx=390-415, in steps of 5, 108 cells)

HERO®PV xxxPD2-S (xxx=390-415, in steps of 5, 108 cells)

HERO®PV xxxPD2 (xxx=390-415, in steps of 5, 108 cells)

HERO®PV xxxPD3 (xxx=390-415, in steps of 5, 108 cells)

With 1/2 cut mono c-Si cells (Under BNPI):

HERO®PV xxxN-TOP1-156S

(xxx=653.9, 659.5, 665.0, 670.3, 675.8, 681.5, 686.7, 692.5, 697.4, 156 cells)

HERO®PV xxxN-TOP2-156S

(xxx=653.9, 659.5, 665.0, 670.3, 675.8, 681.5, 686.7, 692.5, 697.4, 156 cells)

HERO®PV xxxN-TOP1-144S

(xxx=604.5, 610.0, 615.5, 620.9, 626.4, 632.1, 635.0, 640.8, 144cells)

HERO®PV xxxN-TOP2-144S

(xxx=604.5, 610.0, 615.5, 620.9, 626.4, 632.1, 635.0, 640.8, 144cells)

HERO®PV xxxN-TOP1-120S (xxx=507, 512, 518, 523, 528, 534, 120 cells)

HERO®PV xxxN-TOP2-120S (xxx=507, 512, 518, 523, 528, 534, 120 cells)

HERO®PV xxxN-TOP1-S (xxx=460, 465, 471, 476, 482, 488, 108 cells)

HERO®PV xxxN-TOP2-S (xxx=460, 465, 471, 476, 482, 488, 108 cells)

HERO®PV xxxN-TOP2 (xxx=460, 465, 471, 476, 482, 488, 108 cells)

HERO®PV xxxN-TOP3 (xxx=460, 465, 471, 476, 482, 488, 108 cells)

HERO®PV xxxPD1-144S (xxx=569, 575, 580, 586, 591, 597, 602, 608, 144cells)

HERO®PV xxxPD2-144S (xxx=569, 575, 580, 586, 591, 597, 602, 608, 144cells)

HERO®PV xxxPD1-S (xxx=427, 432, 438, 443, 449, 454, 108 cells)

HERO®PV xxxPD2-S (xxx=427, 432, 438, 443, 449, 454, 108 cells)

HERO®PV xxxPD2 (xxx=427, 432, 438, 443, 449, 454, 108 cells)

HERO®PV xxxPD3 (xxx=427, 432, 438, 443, 449, 454, 108 cells)

xxx represents output power in Wp

Remarks:

Fire Rating: Class A (according to UL 790)

Design Load / Safety Factors: 3600 Pa / 1.5 (downward)

1600 Pa / 1.5 (upward)

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**Modell** *Type:*

**Bezeichnung** *Designation:*

Conditions:

The product test is voluntarily according to technical regulations. Any change of the design, materials, components or processing may require the repetition of some of the qualification tests in order to retain type approval.



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**Produkt** *Product:*  
PV Module

**Fertigungsstätten** *Factories:*

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1 040-0002447741

2 040-0002525212

