

# CERTIFICATE

**TÜV NORD CERT GmbH**  
herewith declares that

**Jiangsu Sunport Power Corp., Ltd.**  
No.20, Xishi Road, Xinwu District  
Wuxi City, Jiangsu Province, 214028  
P.R. China

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

**Description of product (details see Annex 2):**

**PV module with 6" Poly-crystalline MWT Solar Cells**

**PV module with 6" Mono-crystalline MWT Solar Cells**

**PV module with 6" Casting Mono-crystalline MWT Solar Cells**

**Flexible PV module with 6" Mono-crystalline MWT Solar Cells**



Valid from: 2021-09-27

Valid until: 2024-04-29

|                               |                                                                                                                                                   |
|-------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| Certification program:        | P12-VA-01 Rev. 17 09.20                                                                                                                           |
| Certification fundamental(s): | P12.4-AA-04 Rev. 00<br>(IEC 60068-2-68:1994 modified)                                                                                             |
| Remark:                       | Test Method Lc1;<br>Dust concentration: $5 \pm 0.5 \text{g/m}^3$ ;<br>Wind velocity: $20 \pm 2 \text{m/s}$ ;<br>Test duration: 4 hours each side. |
| Registered No.:               | 44 780 19 406749 - 121R2A2M2                                                                                                                      |
| Manufacturer:                 | see Annex 1                                                                                                                                       |
| Test Report No.:              | 492011102.003                                                                                                                                     |
| File No.:                     | PVP08120/21P-03                                                                                                                                   |

  
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**Certification Body**  
**Consumer Products**



Essen, 2021-09-27

Please also pay attention to the information stated overleaf.

Anlage 1 zum Zertifikat Nr.: / Annex 1 to Certificate No.: 44 780 19 406749 - 121R2A2M2

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Aktenzeichen: / File reference: PVP08120/21P-03

2021-09-27

**Manufacturer:**

Manufacturer 1: **Xuzhou Sunport Power Co. Ltd.**  
No.1, Fumin Road, High-tech Industrial Development Zone  
Pizhou, Jiangsu Province, P.R. China

Factory inspection report no.: 862010357.003

Manufacturer 2: **Wuxi Sunport Power Co. Ltd.**  
No.12 Xinhua Road, WND,  
Wuxi City, Jiangsu Province, 214028, P.R. China

Factory inspection report no.: 862010442.001

**Remark:**

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



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**Description of product(s):**

Module types:

**PV module with 6" Poly-crystalline MWT Solar Cells:**

72 cells: SPPXXXD72H(XXX=325-355W, in increments of 5)  
72 cells: SPPXXXP72H(XXX=325-385W, in increments of 5)  
60 cells: SPPXXXD60H(XXX=275-295W, in increments of 5)  
60 cells: SPPXXXP60H(XXX=270-315W, in increments of 5)  
54 cells: SPPXXXP54H(XXX=240-270W, in increments of 5)  
36 cells: SPPXXXP36H(XXX=155-180W, in increments of 5)  
144 cells: SPPXXDXH7H(XXX=365-405W, in increments of 5)  
144 cells: SPPXXXP7H(XXX=325-350W, in increments of 5)  
120 cells: SPPXXDXH6H(XXX=275-300W in increments of 5)  
120 cells: SPPXXXP7H(XXX=275-290W, in increments of 5)

Maximum system voltage:

1500V

Fuse rating:

15A

Application class:

Class A

Electrical protection class:

Class II



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Module types:

**PV module with 6" Mono-crystalline MWT Solar Cells:**

72 cells: SPPXXXM72H(XXX=345-395W, in increments of 5)  
72 cells: SPPXXXN72H(XXX=375-405W, in increments of 5)  
60 cells: SPPXXXM60H(XXX=285-330W, in increments of 5)  
60 cells: SPPXXXN60H(XXX=310-350W, in increments of 5)  
54 cells: SPPXXXM54H(XXX=255-295W, in increments of 5)  
54 cells: SPPXXXN54H(XXX=275-315W, in increments of 5)  
36 cells: SPPXXXM36H(XXX=170-195W, in increments of 5)  
36 cells: SPPXXXN36H(XXX=185-210W, in increments of 5)  
210 cells: SPPXXXQHRH(XXX=615-645W, in increments of 5)  
189 cells: SPPXXXQHCH(XXX=550-590W, in increments of 5)  
150 cells: SPPXXXQH HH(XXX=450-470W, in increments of 5)  
144 cells: SPPXXXQH7H(XXX=430-450W, in increments of 5)  
138 cells: SPPXXXQHGH(XXX=410-430W, in increments of 5)  
132 cells: SPPXXXQH FH(XXX=395-410W, in increments of 5)  
126 cells: SPPXXXQH EH(XXX=375-395W, in increments of 5)  
176 cells: SPPXXXTHAH(XXX=325-345W, in increments of 5)  
156 cells: SPPXXXNHJH(XXX=435-460W, in increments of 5)  
144 cells: SPPXXXMH7H(XXX=375-405W, in increments of 5)  
144 cells: SPPXXXNH7H(XXX=385-440W, in increments of 5)  
132 cells: SPPXXXNHFH(XXX=355-390W, in increments of 5)  
126 cells: SPPXXXNHEH(XXX=340-385W, in increments of 5)  
120 cells: SPPXXXMH6H(XXX=315-335W, in increments of 5)  
120 cells: SPPXXXNH6H(XXX=320-365W, in increments of 5)

Maximum system voltage:

1500V

Fuse rating:

12A or 15A

Application class:

Class A

Electrical protection class:

Class II



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Module types: **PV module with 6" Casting Mono-crystalline MWT Solar Cells:**  
72 cells: SPPXXXD72H(XXX=390-410W, in increments of 5)  
60 cells: SPPXXXD60H(XXX=325-340W, in increments of 5)  
144 cells: SPPXXDXH7H(XXX=390-415W, in increments of 5)  
132 cells: SPPXXDXH7H(XXX=360-380W, in increments of 5)  
126 cells: SPPXXDXH7H(XXX=340-360W, in increments of 5)  
120 cells: SPPXXDXH6H(XXX=325-345W, in increments of 5)

Maximum system voltage: 1500V  
Fuse rating: 15A  
Application class: Class A  
Electrical protection class: Class II

Module types: **Flexible PV module with 6" Mono-crystalline MWT Solar Cells:**  
60 cells: SPPXXXM60S(XXX=290-320W, in increments of 5)  
144 cells: SPPXXXXQH7S(XXX=400-435W, in increments of 5)  
126 cells: SPPXXXXQHES(XXX=350-380W, in increments of 5)  
42 cells: SPPXXXXQH42S(XXX=115-125W, in increments of 5)  
36 cells: SPPXXXXQH36S(XXX=100-110W, in increments of 5)  
30 cells: SPPXXXXQH1S(XXX=85-90W, in increments of 5)  
138 cells: SPPXXXXNHGS(XXX=370-400W, in increments of 5)  
126 cells: SPPXXXXNHES(XXX=340-365W, in increments of 5)  
42 cells: SPPXXXXNH42S(XXX=115-120W, in increments of 5)  
36 cells: SPPXXXXNH36S(XXX=95-105W, in increments of 5)  
30 cells: SPPXXXXNH1S(XXX=80-85W, in increments of 5)

Maximum system voltage: 1500V  
Fuse rating: 18A  
Application class: Class A  
Electrical protection class: Class II

## Remark:

For detailed product information, please refer to CDF (Constructional Data Form) in Annex 1 of test report.



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