ZERTIFIKAT ◆ CERTIFICATE ◆ 認證證書 ◆ СЕРТИФИКАТ ◆ CERTIFICADO ◆ CERTIFICAT

Product Service

CERTIFICATE

No. Z2 083334 0055 Rev. 01

Holder of Certificate: **Ningbo Ulica Solar Science & Technology Co., Ltd**
No. 181, Shanshan Road
Wangchun Industrial District
315177 Ningbo
PEOPLE'S REPUBLIC OF CHINA

Certification Mark:

Product: **Crystalline Silicon Terrestrial Photovoltaic (PV) Modules**
Poly-Crystalline Silicon Photovoltaic Module

The product was tested on a voluntary basis and complies with the essential requirements. The certification mark shown above can be affixed on the product. It is not permitted to alter the certification mark in any way. In addition the certification holder must not transfer the certificate to third parties. See also notes overleaf.

Test report no.: 704061909504-01

Valid until: 2025-05-07

Date, 2020-05-08 (Zhulin Zhang)

A4 / 07.17

TÜV SÜD Product Service GmbH • Certification Body • Ridlerstraße 65 • 80339 Munich • Germany

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Model(s):

1000 V DC system voltage Single Glass modules:
UL-xxxP-72, xxx= 330 to 360 in step of 5;
UL-xxxP-60, xxx= 275 to 300 in step of 5;
UL-xxxP-54, xxx= 245 to 270 in step of 5;
UL-xxxP-48, xxx= 220 to 240 in step of 5;
UL-xxxP-24, xxx= 110 to 120 in step of 5;
1500 V DC system voltage Single Glass modules:
UL-xxxP-72HV, xxx= 330 to 360 in step of 5;
UL-xxxP-60HV, xxx= 275 to 300 in step of 5;
UL-xxxP-54HV, xxx= 245 to 270 in step of 5;
UL-xxxP-48HV, xxx= 220 to 240 in step of 5;
UL-xxxP-24HV, xxx= 110 to 120 in step of 5;

Half cell 1000 V DC system voltage Single Glass modules:
UL-xxxP-144, xxx = 335 to 375 W in step of 5;
UL-xxxP-120, xxx = 280 to 310 W in step of 5;
UL-xxxP-108, xxx = 255 to 280 W in step of 5;
UL-xxxP-96, xxx = 225 to 250 W in step of 5;
Half cell 1500 V DC system voltage Single Glass modules:
UL-xxxP-144HV, xxx = 335 to 375 W in step of 5;
UL-xxxP-120HV, xxx = 280 to 310 W in step of 5;
UL-xxxP-108HV, xxx = 255 to 280 W in step of 5;
UL-xxxP-96HV, xxx = 225 to 250 W in step of 5;
xxx is standing for rated output power at STC.

Parameters:

Severity of Salt mist test:	Severity 5
Construction:	Framed, with Junction box, Cable and Connectors.
Safety Class :	Class II
Maximum System Voltage:	1500 V DC or 1000 V DC
Fire Safety Class:	Class C

Tested according to:

IEC 61215-1(ed.1)
IEC 61215-1-1(ed.1)
IEC 61215-2(ed.1)
IEC 61730-1(ed.2)
IEC 61730-2(ed.2)
IEC 61701(ed.2)

Production Facility(ies):

083334

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