CERTIFICATE

Issued to:
Applicant:
Zhejiang ERA Solar Technology Co., Ltd.
(No.888,Huangjiao Road) Sihai Road, Huangyan Economic Development Zone
318020 Taizhou City Zhejiang, China

Licensee:
Zhejiang ERA Solar Technology Co., Ltd.
(No.888,Huangjiao Road) Sihai Road, Huangyan Economic Development Zone
318020 Taizhou City Zhejiang, China

Product	:	Crystalline Silicon PV Modules
Trade name(s)	:	ERA Solar
Type(s)/model(s)	:	PV Module with mono c-Si cells and PV Module with poly c-Si cells

The product and any acceptable variation thereto is specified in the Annex to this certificate and the documents therein referred to.

DEKRA hereby declares that the above-mentioned product has been certified on the basis of:
- a type test according to the standard(s) IEC 61215-1:2016, EN 61215-1:2016, IEC 61215-1-1:2016, EN 61215-1-1:2016, IEC 61215-2:2016, EN 61215-2:2017, IEC 61730-1:2016, EN IEC 61730-1:2018, IEC 61730-2:2016 and EN IEC 61730-2:2018
- an inspection of the factory location according to CENELEC Operational Document CIG 021
- a DEKRA certification agreement with the number 6059484

DEKRA hereby grants the right to use the DEKRA Seal certification mark.

The DEKRA Seal certification mark may be applied to the product as specified in this certificate for the duration and under the conditions of the DEKRA Seal certification agreement.

This certificate is issued on 16 June 2022 and expires at the latest on 28 March 2024.

Certificate number: 31-119173 REV.2

DEKRA Certification B.V.

B.T.M. Holtus
Managing Director

H.R.M. Barends
Certification Manager

SPECIFICATION OF THE CERTIFIED PRODUCT

Product data

Product	:	Crystalline Silicon PV Modules
Trade name(s)	:	ERA Solar
Type(s)/model(s)	:	ERA-54HCxxxM, ERA-60HCxxxM, ERA-66HCxxxM, ERA-72HCxxxM, ESPHSAxxx, ESPHSAxxxL, ESPHSCxxx, ESPHSCxxxL, ESPHSCxxxW, ESPMCxxx, ESPMCxxxL, ESPSAxxx, ESPSAxxxL, ESPSCxxx, ESPSCxxxL, Eagle-60HCxxxM and Eagle-66HCxxxM
Protection Class	:	Class II
Pollution Degree	:	1
Fire Rating	:	Class C according to UL790

Product data – type Eagle-60HCxxxM

Maximum system voltage	:	1500V
Design	:	PV module with mono c-Si cells
Description	:	xxx=590-610W, in steps of 5, 120 cells

Product data – type Eagle-66HCxxxM

Maximum system voltage	:	1500V
Design	:	PV module with mono c-Si cells
Description	:	xxx=650-670W, in steps of 5, 132 cells

Product data – type ERA-54HCxxxM

Maximum system voltage	:	1500V
Design	:	PV module with mono c-Si cells
Description	:	xxx=395-420W, in steps of 5, 108 cells

Product data – type ERA-60HCxxxM

Maximum system voltage	:	1500V
Design	:	PV module with mono c-Si cells
Description	:	xxx=435-460W, in steps of 5, 120 cells

Product data – type ERA-66HCxxxM

Maximum system voltage	:	1500V
Design	:	PV module with mono c-Si cells
Description	:	xxx=490-510W, in steps of 5, 132 cells

Product data – type ERA-72HCxxxM

Maximum system voltage	:	1500V
Design	:	PV module with mono c-Si cells
Description	:	xxx=520-550W, in steps of 5, 144 cells

Product data – type ESPHSAxxx

Maximum system voltage	:	1500V
Design	:	PV module with poly c-Si cells
Description	:	xxx=190-210W, in steps of 5, 72 cells xxx=100W, 36 cells

Product data – type ESPHSAxxxL

Maximum system voltage	:	1000V
Design	:	PV module with poly c-Si cells
Description	:	xxx=190-210W, in steps of 5, 72 cells xxx=100W, 36 cells

Product data – type ESPHSCxxx

Maximum system voltage	:	1500V
Design	:	PV module with mono c-Si cells
Description	:	xxx=430-455W, in steps of 5, 144 cells xxx=360-380W, in steps of 5, 120 cells xxx=385-420W, in steps of 5, 144 cells xxx=320-350W, in steps of 5, 120 cells

Product data – type ESPHSCxxxL

Maximum system voltage	:	1000V
Design	:	PV module with mono c-Si cells
Description	:	xxx=430-455W, in steps of 5, 144 cells xxx=360-380W, in steps of 5, 120 cells xxx=385-420W, in steps of 5, 144 cells xxx=320-350W, in steps of 5, 120 cells

Product data – type ESPHSCxxxW

Maximum system voltage	:	1500V
Design	:	PV module with mono c-Si cells
Description	:	xxx=520-550W, in steps of 5, 144 cells

Product data – type ESPMCxxx

Maximum system voltage	:	1500V
Design	:	PV module with poly c-Si cells
Description	:	xxx=310-355W, in steps of 5, 72 cells xxx=260-295W, in steps of 5, 60 cells xxx=155-175W, in steps of 5, 36 cells xxx=200-210W, in steps of 5, 72 cells xxx=100W, 36 cells xxx=70-80W, in steps of 5, 36 cells xxx=50W, 36 cells xxx=30-40W, in steps of 5, 36 cells

Product data – type ESPMCxxxL

Maximum system voltage	:	1000V
Design	:	PV module with poly c-Si cells
Description	:	xxx=310-355W, in steps of 5, 72 cells xxx=260-295W, in steps of 5, 60 cells xxx=155-175W, in steps of 5, 36 cells xxx=200-210W, in steps of 5, 72 cells xxx=100W, 36 cells xxx=70-80W, in steps of 5, 36 cells xxx=50W, 36 cells xxx=30-40W, in steps of 5, 36 cells

Product data – type ESPSAxxx

Maximum system voltage	:	1500V
Design	:	PV module with mono c-Si cells
Description	:	xxx=190-210W, in steps of 5, 72 cells xxx=100W, 36 cells

Product data – type ESPSAxxxL

Maximum system voltage	:	1000V
Design	:	PV module with mono c-Si cells
Description	:	xxx=190-210W, in steps of 5, 72 cells xxx=100W, 36 cells

Product data – type ESPSCxxx

Maximum system voltage	:	1500V
Design	:	PV module with mono c-Si cells
Description	:	xxx=370-415W, in steps of 5, 72 cells xxx=305-350W, in steps of 5, 60 cells xxx=185-205W, in steps of 5, 36 cells xxx=210-220W, in steps of 5, 72 cells xxx=150-180W, in steps of 5, 36 cells xxx=120W, 36 cells xxx=100W, 36 cells xxx=70-80W, in steps of 5, 36 cells xxx=50W, 36 cells xxx=30-40W, in steps of 5, 36 cells

Product data – type ESPSCxxxL

Maximum system voltage	:	1000V
Design	:	PV module with mono c-Si cells
Description	:	xxx=370-415W, in steps of 5, 72 cells xxx=305-350W, in steps of 5, 60 cells xxx=185-205W, in steps of 5, 36 cells xxx=210-220W, in steps of 5, 72 cells xxx=150-180W, in steps of 5, 36 cells xxx=120W, 36 cells xxx=100W, 36 cells xxx=70-80W, in steps of 5, 36 cells xxx=50W, 36 cells xxx=30-40W, in steps of 5, 36 cells

TESTS

Test requirements

IEC 61215-1:2016
EN 61215-1:2016
IEC 61215-1-1:2016
EN 61215-1-1:2016
IEC 61215-2:2016
EN 61215-2:2017
IEC 61730-1:2016
EN IEC 61730-1:2018
IEC 61730-2:2016
EN IEC 61730-2:2018

Test result
The test results are laid down in DEKRA test file 608306700.

Additional information
This certificate replaces certificate No. 31-119173 REV.1 which we hereby declare invalid.

The list of components is laid down in test report 6083067A.53A; 6083067A.53B.

Conclusion
The examination proved that all requirements were met.

Factory location
Zhejiang ERA Solar Technology Co., Ltd.
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Unique Identifier