

# ATTESTATION OF CONFORMITY

Issued to: Toenergy Technology Hangzhou Co., Ltd.  
No.3 Gaoxin Nine Road,  
Xiaoshan Economy and Technology Development Zone,  
311215 Hangzhou City Zhejiang, China

For the product: Photovoltaic (PV) Module(s)  
Trade name: TOENSOLAR  
Type/Model: see annex for details  
Ratings: Maximum System Voltage: 30V / 600V / 1500V; Protection Class: Class II / Class III;  
Pollution Degree: 1; Fire Rating: Class C according to UL790

Manufactured by: Toenergy Technology Hangzhou Co., Ltd.  
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311215 Hangzhou City Zhejiang, China

Requirements: EN 61215-1:2016  
EN 61215-1-1:2016  
EN 61215-2:2017  
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 Attestation is granted on account of an examination by DEKRA, the results of which are laid down in a confidential file no. 6096886B.55A and 6096886B.55B.

This Attestation implies that the examined types are in accordance with the standards designated under the Low Voltage Directive (LVD) 2014/35/EU.

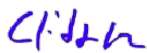
The examination has been carried out on one single specimen or several specimens of the product, submitted by the manufacturer. The Attestation does not include an assessment of the manufacturer's production. Conformity of his production with the specimen tested by DEKRA is not the responsibility of DEKRA.

The CE marking may be affixed on the product if all relevant and effective EC directives are complied with.

Shanghai, 27 July 2023

Number: 6096886.04AOC

DEKRA Testing and Certification (Shanghai) Ltd.



Cliff Lin  
Certification Manager

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# Annex

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Document no. : 6096886.04AOC  
Fire Rating: : Class C according to UL790

**Product data – type 61416**

Protection Class : III  
Maximum System Voltage : 30V  
Description : 85W, 84 cells  
Design : PV module with mono c-Si cells

**Product data – type 61414**

Protection Class : III  
Maximum System Voltage : 30V  
Description : 60W, 48 cells  
Design : PV module with mono c-Si cells

**Product data – type 61415**

Protection Class : III  
Maximum System Voltage : 30V  
Description : 40W, 46 cells  
Design : PV module with poly c-Si cells

**Product data – type TN-72xxxM**

Protection Class : II  
Maximum System Voltage : 1500V  
Description : xxx=380-410, in steps of 5, 144 cells  
Design : PV module with mono c-Si cells

**Product data – type TN-60xxxM**

Protection Class : II  
Maximum System Voltage : 1500V  
Description : xxx=320-340, in steps of 5, 120 cells  
Design : PV module with mono c-Si cells

**Product data – type TN-72xxxMH**

Protection Class : II  
Maximum System Voltage : 1500V  
Description : xxx=430-455, in steps of 5, 144 cells  
Design : PV module with mono c-Si cells

**Product data – type TN-60xxxMH**

Protection Class : II  
Maximum System Voltage : 1500V  
Description : xxx=360-375, in steps of 5, 120 cells  
Design : PV module with mono c-Si cells

**Product data – type 61798**

Protection Class : III  
Maximum System Voltage : 600V  
Description : 85W, 44 cells  
Design : PV module with mono c-Si cells

**Product data – type 61791**

Protection Class : III  
 Maximum System Voltage : 600V  
 Description : 135W, 44 cells  
 Design : PV module with mono c-Si cells

**Product data – type 61849**

Protection Class : III  
 Maximum System Voltage : 600V  
 Description : 105W, 72 cells

Design : PV module with mono c-Si cells

**Product data – type TN-MG144-xxx**

Protection Class : II  
 Maximum System Voltage : 1500V  
 Description : xxx=525-555, in steps of 5, 144 cells  
 Design : PV module with mono c-Si cells

**Product data – type TN-MG132-xxx**

Protection Class : II  
 Maximum System Voltage : 1500V  
 Description : xxx=480-505, in steps of 5, 132 cells  
 Design : PV module with mono c-Si cells

**Product data – type TN-MG120-xxx**

Protection Class : II  
 Maximum System Voltage : 1500V  
 Description : xxx=435-460, in steps of 5, 120 cells  
 Design : PV module with mono c-Si cells

**Product data – type TN-MG108-xxx**

Protection Class : II  
 Maximum System Voltage : 1500V  
 Description : xxx=390-415, in steps of 5, 108 cells  
 Design : PV module with mono c-Si cells

**Product data – type 412922**

Protection Class : III  
 Maximum System Voltage : 600V  
 Description : 85W, 44 cells  
 Design : PV module with mono c-Si cells

**Product data – type 412923**

Protection Class : III  
 Maximum System Voltage : 600V  
 Description : 135W, 44 cells  
 Design : PV module with mono c-Si cells

**Product data – type 412924**

Protection Class : III  
 Maximum System Voltage : 600V  
 Description : 105W, 72 cells  
 Design : PV module with mono c-Si cells

**Product data – type 413540**

Protection Class : III  
 Maximum System Voltage : 600V  
 Description : 40W, 44 cells  
 Design : PV module with mono c-Si cells

**Product data – type 412918**

Protection Class : III  
 Maximum System Voltage : 600V  
 Description : 40W, 44 cells  
 Design : PV module with mono c-Si cells

**Product data – type 412920**

Protection Class : III  
 Maximum System Voltage : 600V  
 Description : 40W, 44 cells

Design :  
: PV module with mono c-Si cells

**Product data – type 413541**

Protection Class : III  
Maximum System Voltage : 600V  
Description : 65W, 39 cells  
Design : PV module with mono c-Si cells

**Product data – type 412919**

Protection Class : III  
Maximum System Voltage : 600V  
Description : 65W, 39 cells  
Design : PV module with mono c-Si cells

**Product data – type 412921**

Protection Class : III  
Maximum System Voltage : 600V  
Description : 65W, 39 cells

Design :  
: PV module with mono c-Si cells

**Product data – type 61878**

Protection Class : III  
Maximum System Voltage : 600V  
Description : 240W, 66 cells

Design :  
: PV module with mono c-Si cells

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End