

# CERTIFICATE

Issued to:

Applicant:

Ningbo Shihe New Energy Technology Co., Ltd.  
NO.528, Xincheng RD., West Industrial Area, Xintu  
Town, Cixi City,  
315322 Ningbo Zhejiang, China

Licensee:

Ningbo Shihe New Energy Technology Co., Ltd.  
NO.528, Xincheng RD., West Industrial Area, Xintu  
Town, Cixi City,  
315322 Ningbo Zhejiang, China

Product : Junction boxes for photovoltaic modules  
Trade name(s) : SHIHE TEC  
Type(s)/model(s) : PV-F30

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 62790:2020 and EN IEC 62790:2020
- an inspection of the factory location according to CENELEC Operational Document CIG 021
- a DEKRA certification agreement with the number 6062204

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 12 May 2027 and expires at the latest on 12 May 2027.

Certificate number: 31-123696

DEKRA Certification B.V.

B.T.M. Holtus  
Managing Director

Certification Manager

© Integral publication of this certificate is allowed

## SPECIFICATION OF THE CERTIFIED PRODUCT

### Product data

Product	: Junction boxes for photovoltaic modules
Trade name(s)	: SHIHE TEC
Type(s)/model(s)	: PV-F30
Rated Voltage	: 1500 Vdc
Rated Current	: 30 A
Reverse Current	: 41 A
Application Class	: Class A
Protection Class	: Class II
Protection Degree	: IP65/IP68(1 m, 1 h)
Ambient Temperature	: -40 °C to +85 °C

## TESTS

### Test requirements

IEC 62790:2020  
EN IEC 62790:2020

### Test result

The test results are laid down in DEKRA test file 613037400.

### Additional information

The list of components is laid down in test report 6130374A.50.

### Conclusion

The examination proved that all requirements were met.

### Factory location

Ningbo Shihe New Energy Technology Co., Ltd.  
NO.528, Xinsheng RD., West Industrial Area, Xinpu Town, Cixi City,  
315322 Ningbo Zhejiang, China

Unique Identifier



Concept