



DECLARATION OF CONFORMITY

According to the Low Voltage Directive 2014/35/UE.

Type of product	Photovoltaic Module
Trademark	Peimar
Models	OR2F***M (***=160-375 in increment of 5) OR3F***M (***=350-400 in increment of 5) OR3F***M (***=305-330 in increment of 5) OR3F***M (***=270-300 in increment of 5) OR3F***M (***=230-265 in increment of 5) OR3F***M (***=175-200 in increment of 5) OR2H***M (***=345-410 in increment of 5) OR2H***M (***=300-340 in increment of 5) OR3H***M (***=380-420 in increment of 5) OR3H***M (***=320-350 in increment of 5) OR6H***M (***=430-460 in increment of 5) OR6H***M (***=355-380 in increment of 5) OR10H***M (***=525-555 in increment of 5) OR10H***M (***=485-505 in increment of 5) OR10H***M (***=440-460 in increment of 5) OR10H***M (***=395-415 in increment of 5) OR5F***M (***=190-210 in increment of 5) OR5F***M (***=95-105 in increment of 5) OROG***M (***=5-295 in increment of 5)

The following harmonized standards or technical specifications (designations) which comply with good engineering practice in safety matters in force within the EEC have been applied:

Standards or other normative documents:	IEC 61215-1:2016 IEC 61215-1-1:2016 IEC 61215-2:2016 IEC 61730-1:2016 IEC 61730-2:2016
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As the manufacturer's authorized representative established within EEC, we declare under our sole responsibility that the equipment follows the provisions of the Directive stated above.

Date and place of issue	Name e signature of authorized person
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BRESCIA 2022-12-09

MARCO CASALE
PEIMAR SRL
Via Cefalonia 70 - Brescia - Italy
Tel. +39030223292 - Fax +390307772102
info@peimar.com - www.peimar.com
P.IVA IT03416340986

CERTIFICATE of Conformity



Registration No.: AK 50487700 0001

Report No.: CN202IO5 001

Holder: PEIMAR SRL
Via Creta, 72
25124 Brescia
Italy

Product: Energy Storage system
(Energy Storage System)

Identification: Type Designation: PSI-J3000-RF
Serial Number : 244154431-001
Firmware Version : Master: 5.011, Slaver: 3.033
BMS: V1120
Remark : Refer to test report CN202IO5 001.

Tested acc. to: CEI 0-21:2019-04

The certificate of conformity refers to the above mentioned product. This is to certify that the specimen is in conformity with the assessment requirement mentioned above. This certificate does not imply assessment of the production of the product and does not permit the use of a TÜV Rheinland mark of conformity.



Date 29.01.2021

A handwritten signature in blue ink, appearing to be "A. Chen".
A. Chen

TÜV Rheinland LGA Products GmbH - Tillystraße 2 - 90431 Nürnberg

OGGETTO: Dichiarazione di conformità alla normativa CEI 0-21:2019-04

"Regola tecnica di riferimento per la connessione di Utenti attivi e passivi alle reti BT delle imprese distributrici di energia elettrica"

SUBJECT: Declaration of Conformity to CEI 0-21: 2019-04

"Reference technical rules for the connection of active and passive users to the LV electrical Utilities"



Certificate No.: AK 50487700 0001

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TIPOLOGIA DI APPARATO A CUI SI RIFERISCE LA DICHIARAZIONE:

TYPE OF APPARATUS WHICH THE DECLARATION IS REFERED TO:

DISPOSITIVO DI INTERFACCIA Interface Device	PROTEZIONE DI INTERFACCIA Interface Protection Device	DISPOSITIVO DI CONVERSIONE STATICA Static Conversion Device	DISPOSITIVO DI GENERAZIONE ROTANTE Rotating Device
☒	☒	☒	☐

Costruttore
Manufacturer

Peimar SRL
Via Creta 72-25124 Brescia Italy

Modello/Tipo
Model/Type

Potenza Attiva Nominale (P_{NINV})
Nominal Power
[kW]

Max. Potenza Apparente (S_{MAX})
Maximum Apparent Power
[kVA]

PSI-J3000-RF

3.00

3.00

Firmware release
Firmware

Master: 5.011, Slaver: 3.033, BMS: V1120

Numero di Fasi
Number of phases

Monofase/ Single-phase

Informazioni sulla batteria
Battery information

Build-in Lithium-ion battery, 5120Wh, 42-58.4V, Max. current: 60A

Note
Remarks

Il dispositivo è in grado di limitare la I_{dc} allo 0,5% della corrente nominale.
The device is capable to limit the I_{dc} to 0,5% of the nominal current.

laboratorio di prova
Test laboratory

TÜV Rheinland (Shanghai) Co., Ltd.
Accreditation CNAS no.: L3038

Esaminati I Fascicoli Prove N.: CN202IO5 001 emesso da TÜV Rheinland (Shanghai) S.r.l.
Having assessed the Test Files N. CN202IO5 001 issued by TÜV Rheinland (Shanghai) Co., Ltd.

Si dichiara che i prodotti indicati soddisfano i requisiti della CEI 0-21:2019-04 "Regola tecnica di riferimento per la connessione di Utenti attivi e passivi alle reti BT delle imprese distributrici di energia elettrica"

We declare that the products indicated meet the requirements laid down by CEI 0-21:2019-04 "Reference technical rules for the connection of active and passive users to the LV electrical Utilities"

Validità della
Dichiarazione
Validity of the Declaration

Questa Dichiarazione è valida per i prodotti indicate, così come descritti nei Fascicoli citati. Nuovi requisiti o emendamenti a requisiti esistenti, così come modifiche al prodotto, possono implicare nuove verifiche e certificazioni.

This Declaration is valid only for the products indicated herein, as described in the Files mentioned. New requirements or amendment to existing ones, or modifications to the product, may imply re-verification and re-certification.

Date: 29.01.2021



TÜV Rheinland LGA Products GmbH - Tillystraße 2 - 90431 Nürnberg

PEIMAR SRL

Date : 29/01/2021

Our ref. : PJG 02

Your ref.: 168289772

Via Creta, 72
25124 Brescia
Italy

Ref : AK Certificate of Conformity

Type of Equipment : Energy Storage System
Model Designation : See Certificate
Certificate No. : AK 50487700 0001
Report No. : CN202IO5 001

Dear Ladies and Gentlemen,

We herewith confirm that a sample of the above mentioned technical equipment has been tested and was found to be in accordance with the relevant requirements.

Enclosed please find your Certificate of Conformity.

We appreciate your kind support and would like to offer our assistance and continuous services in the future.

With kind regards,

Certification Body


A. Chen

Enclosure

证书的详细资料请登陆www.tuvdotcom.com查阅,或拨打我司客服热线800 999 3668 / 400 883 1300咨询



Prot: AD11012022/EO-264

Attestato di adesione al CONSORZIO ECOEM

Sistema Collettivo per la gestione dei RAEE / Pile e Accumulatori / Fotovoltaico di nuclei domestici e di
utenti professionali
in attuazione del D.Lgs 49 14/03/14 e D.Lgs 188 20/11/08

Con il presente documento il Sistema Collettivo Consorzio ECOEM:

- a) Accreditato al GSE in qualità di “Sistema o Consorzio per il recupero e il riciclo dei moduli fotovoltaici a fine vita”;
- b) In attuazione delle modalità operative indicate dal Dlg.49/2014 per le categorie domestico e professionale AEE;
- c) In possesso di tutti i requisiti del Disciplinare Tecnico GSE;

Attesta l'adesione al Sistema Collettivo per l'Anno 2022

PEIMAR SRL - CF: 03416340986

per garantire l'attività di raccolta, trasporto, stoccaggio trattamento e recupero a fine vita, secondo le modalità previste dal Disciplinare Tecnico pubblicato dal GSE e dal successivo DM 49/2014, identificati dai numeri di matricola iscritti al Data Base del Consorzio ECOEM.

Il Presidente
Fabio Fasolino



REA MI 1466310
R.I./C.F./P.I. 11360160151
Cap. Soc. € 1.040.000

CERTIFICATO DI PROVA

CSI/0176/22/RF

Pratica n.692/22

emesso ai sensi dell'art. 10 del decreto del Ministero dell'Interno del 26 giugno 1984 recante "Classificazione di reazione al fuoco ed omologazione dei materiali ai fini della prevenzione incendi e successive modificazioni di cui al Decreto del Ministero dell'Interno del 3 settembre 2001" (S.O. alla G.U. n° 234 del 25 agosto 84 - S.O. alla G.U. n° 242 del 17 ottobre 2001).

Visto l'esito degli accertamenti effettuati si certifica che alla **INSTALLAZIONE TECNICA**
(Allegato A.2.1.):

prodotto da: **PEIMAR S.r.l. – 25124 Brescia**

denominato: **OR10HXXXM**

impiegato come: **Pannello fotovoltaico.**

è attribuita in conformità alla UNI 9177 la **CLASSE DI REAZIONE AL FUOCO: 1 (UNO)**

Il presente certificato è valido unicamente per la campionatura sottoposta a prova.

Il prodotto "OR10HXXXM" non ricade nel campo di applicazione di norme armonizzate CPR e per il prodotto medesimo della Ditta PEIMAR S.r.l. non risulta ottenuto il rilascio di ETA (European Technical Assessment), ai sensi dell'Allegato IV del CPR.

Data 06/06/2022

Il Direttore del Laboratorio
(Ing. P. Fumagalli)

MI02RF02

CSI S.p.A. A SOCIO UNICO
SOGGETTA AD ATTIVITÀ DI DIREZIONE
E COORDINAMENTO DI IMQ GROUP S.r.l.

Sede legale
Italia 20030 Senago (MI)
Cascina Traversagna 21
direzione-csi@legalmail.it
info@csi-spa.com
www.csi-spa.com

Sedi operative
20021 Bollate (MI)
viale Lombardia 20/B
tel. (+39) 02 38330 1
fax (+39) 02 35039 40

10028 Trofarello (TO)
via Cuneo 12
tel. (+39) 011 6493 311
fax (+39) 011 6496 041



Product Service

CERTIFICATE

No. Z2 089455 0027 Rev. 01

Holder of Certificate: **PEIMAR SRL**
VIA CRETA 72
25124 BRESCIA
ITALY

Certification Mark:



Product: **Crystalline Silicon Terrestrial Photovoltaic (PV) Modules**
Mono-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. This certificate is valid until the listed date, unless it is cancelled earlier. All applicable requirements of the testing and certification regulations of TÜV SÜD Group have to be complied. For details see: www.tuvsud.com/ps-cert

Test report no.: 701262001503-01

Valid until: 2026-03-10

Date, 2021-04-01

(Zhulin Zhang)

CERTIFICATE

No. Z2 089455 0027 Rev. 01

Model(s):

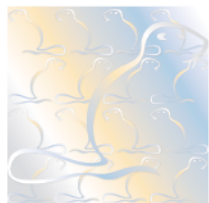
OR2FxxxM, xxx =160 to 375 in step of 5
OR3FxxxM, xxx =350 to 400 in step of 5
OR3FxxxM, xxx =290 to 330 in step of 5
OR3FxxxM, xxx =260 to 300 in step of 5
OR3FxxxM, xxx =230 to 265 in step of 5
OR3FxxxM, xxx =175 to 200 in step of 5
OR2HxxxM, xxx =345 to 410 in step of 5
OR2HxxxM, xxx =300 to 340 in step of 5
OR3HxxxM, xxx =380 to 420 in step of 5
OR3HxxxM, xxx =320 to 350 in step of 5
OR6HxxxM, xxx =430 to 460 in step of 5
OR6HxxxM, xxx =355 to 380 in step of 5
OR10HxxxM, xxx =525 to 545 in step of 5
OR10HxxxM, xxx =440 to 450 in step of 5
OR5FxxxM, xxx =190 to 210 in step of 5
OR5FxxxM, xxx =95 to 105 in step of 5
OROGxxxM, xxx =5 to 295 in step of 5
xxx is standing for rated output power at STC

Parameters:

Construction:	Framed, with Junction box, Cable and connectors.
Test Laboratory:	Yangzhou Opto-Electrical Products testing institute No.10 West Kaifa Road, Yangzhou 225009 Jiangsu, P.R.China.
Safety Class:	Class II
Max. system voltage:	1500V DC
Fire Safety Class:	Class C according to UL790

Tested according to:

IEC 61215-1:2016
IEC 61215-1-1:2016
IEC 61215-2:2016
IEC 61730-1:2016
IEC 61730-2:2016
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



Certificate number	16743 Rev.0	Replaces	-
Issued	28/01/2021	First edition	28/01/2021
Report number	PKC0004936	Expiry date	27/01/2026
Page	1 of 2	Contract number	PKC0004986

Product Certificate Photovoltaic (PV) Panels

License holder: **Peimar S.r.l.**
Via Creta 72, 25124 - Brescia (BS), Italy

Production site(s): Peimar S.r.l.
Via Cavezzo 26, 25045 Castegnato (BS), Italy

Model(s): SFXXXM
(where "XXX" = rated power. See extended models in the Annex)*

The product as listed in this certificate and marked with the below given Kiwa Cermet Italia mark for Photovoltaic (PV) Panels, can be considered complying to the requirements of Kiwa Cermet Italia Guideline "TD Ki – 0409, Solar Products and Components" based upon the following aspects:

Laboratory testing of the panels, which are performed by an accredited laboratory in accordance to ISO/IEC 17025 -see annex-, using the following standards:

- IEC 61215-1:2016
Terrestrial photovoltaic (PV) modules – Design qualification and type approval – Part 1: Test requirements
- IEC 61215-1-1:2016
Terrestrial photovoltaic (PV) modules – Design qualification and type approval – Part 1-1: Special requirements for testing of crystalline silicon photovoltaic (PV) modules
- IEC 61215-2:2016
Terrestrial photovoltaic (PV) modules – Design qualification and type approval – Part 2: Test procedures
- IEC 61730-1:2016
Photovoltaic (PV) module safety qualification – Part 1: Requirements for construction
- IEC 61730-2:2016
Photovoltaic (PV) module safety qualification – Part 2: Requirements for testing

Remarks: To be used in plants at a maximum system voltage (Voc at STC) up to 1500 Vdc (Class II); fire test (IEC 61730-2 / MST 23 – Class C) was performed.

Periodic Inspection of the Factory site(s), according to "TD Ki – 0409", which includes:

- inspection of the manufacturing quality control and production procedures;
- inspection of the produced panels and confirmation that these are identical to the tested panels;
- periodic verification of the manufacturer test facilities.

This certificate is issued in accordance with the Kiwa Cermet Italia regulations.

Publication of the certificate is allowed.

The validity of this certificate is subject to the positive result of periodic surveillance visits.

The validity of this certificate can be verified on request at the following e-mail address: energy@kiwacermet.it.

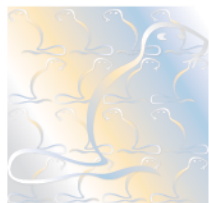
Any total or partial reproduction of this document in any form, without Kiwa Cermet Italia express authorization, is prohibited.

Kiwa Cermet Italia S.p.A.
Società con socio unico, soggetta
all'attività di direzione e
coordinamento di Kiwa Italia
Holding Srl

Via Cadriano, 23
40057 Granarolo dell'Emilia (BO)
Tel +39.051.459.3.111
Fax +39.051.763.382
E-mail: info@kiwacermet.it
www.kiwa.it
www.kiwacermet.it

Chief Operating Officer
Giampiero Belcredi





Certificate number 16743 Rev.0 Replaces -
Issued 28/01/2021 First edition 28/01/2021
Report number PKC0004936 Expiry date 27/01/2026
Page 2 of 2 Contract number PKC0004986

Product Certificate Photovoltaic (PV) Panels

Annex Extended models*

Model name	Cells number	Cell size (mm)	Cell technology	Module size (mm)	Rated power (Wp)
SFXXXM	72	166x166	Mono-Si	2071x1048x40	From 410 to 430 in steps of 5
SFXXXM	60	166x166	Mono-Si	1730x1048x40	Form 340 to 360 in steps of 5

Remarks: XXX = rated power.

Chief Operating Officer
Giampiero Belcredi

Laboratory test reports nr.: 704061821009-00 part 1 of 2; 704061821009-00 part 2 of 2; 704061821009 Rev.01; 704061821009-02 part 1 of 2; 704061821009-02 part 2 of 2; 704061821009-03 part 1 of 2; 704061821009-03 part 2 of 2; 704061821009-04 part 1 of 2; 704061821009-04 part 2 of 2.

Kiwa Cermet Italia S.p.A.

Società con socio unico, soggetta
all'attività di direzione e
coordinamento di Kiwa Italia
Holding Srl

Via Cadriano, 23
40057 Granarolo dell'Emilia (BO)

Tel +39.051.459.3.111

Fax +39.051.763.382

E-mail: info@kiwacermet.it

www.kiwa.it

www.kiwacermet.it

