

# Zertifikat

# Certificate



Zertifikat Nr. *Certificate No.*  
R 50443571

Blatt *Sheet*  
0001

Ihr Zeichen *Client Reference*  
Mr.Li

Unser Zeichen *Our Reference*  
02--50077322 009

Ausstellungsdatum *Date of Issue*  
02.08.2019  
(day/mo/yr)

Genehmigungsinhaber *License Holder*  
VILLARREAL DIVISIÓN EQUIPOS  
S.A. DE C.V.  
Morelos 905 Sur, Col. Centro,  
67350 Allende N.L C.P.  
MEXICO

Fertigungsstätte *Manufacturing Plant*  
Refer to latest revision  
of the annex list of factories

## Prüfzeichen *Test Mark*



Bauart geprüft  
Sicherheit  
Regelmäßige  
Produktions-  
überwachung

www.tuv.com  
ID 1419071952

## Geprüft nach *Tested acc. to*

EN 62109-1:2010  
EN 62109-2:2011  
IEC 62109-1:2010  
IEC 62109-2:2011

## Zertifiziertes Produkt (Geräteidentifikation) *Certified Product (Product Identification)*

## Lizenzentgelte - Einheit *License Fee - Unit*

### PV-Wechselrichter (Photovoltaic grid-connected inverter)

Type Designation : BEYOND36KT4 ; BEYOND18KT2/3 ; 10  
BEYOND16KT2/3

Vmax PV[Vd.c.] : 1000  
Isc PV[Ad.c.] : 3x30  
MPPT Voltage Range[Vd.c.] : 300-680; 300-680; 580-850  
Max. Input Current[Ad.c.] : 3x23  
Overvoltage Category(OVC) : II for PV

Rated Output Voltage[Va.c.] : 380/400 3+N+PE 480 3+PE  
Rated Output Frequency[Hz] : 50/60  
Rated Output Power[kW] : 16;16.5/18/19;36  
Rated Output Power[kW] : 16;16.5/18/19;36  
Power Factor : [-0.80, 0.80]  
Overvoltage Category(OVC) : III for AC Mains

Continued on page 0002

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## ANLAGE (Appendix) : 1.0

Dem Zertifikat liegt unsere Prüf- und Zertifizierungsordnung zugrunde und es bestätigt die Konformität des Produktes mit den oben genannten Standards und Prüfgrundlagen. Zusätzliche Anforderungen in Ländern, in denen das Produkt in Verkehr gebracht werden soll, müssen zusätzlich betrachtet werden. Die Herstellung des zertifizierten Produktes wird überwacht.

This certificate is based on our Testing and Certification Regulation and states the conformity of the product with the standards and testing requirements as indicated above. Any additional requirements in countries where the product is going to be marketed have to be considered additionally. The manufacturing of the certified product is subject to surveillance.

TÜV Rheinland LGA Products GmbH, Tillystraße 2, 90431 Nürnberg

Tel.: +49 221 806-1371 e-mail: cert-validity@de.tuv.com  
Fax: +49 221 806-3935 http://www.tuv.com/safety



Andy Chen

**Anlage Fertigungsstättenliste**  
**/Attachment List of Factories**



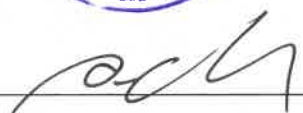
R 50443571 0001

1 030-0000457618

Dieser Anhang ersetzt den Vorgänger vom/  
This annex replaces the previous annex dated

Datum / Date 02.08.2019



  
Andy Chen

VILLARREAL DIVISIÓN EQUIPOS S.A. DE  
C.V.  
Jie Li

Date : 07.08.2019  
Our ref. : 02  
Your ref.: Mr.Li

-  
Morelos 905 Sur, Col. Centro,  
67350 Allende N.L C.P.  
MEXICO

**Ref : R TÜV-Mark Approval**

Type of Equipment : Photovoltaic grid-connected inverter  
Model Designation : See Certificate  
Certificate No. : R 50443571 0001  
Report No. : 50077322 009

Dear Jie Li,

The above specified technical equipment has been tested and found to be in accordance with the relevant requirements.

Enclosed you will find the certificate of approval.

If cancellation of the certificate is submitted by November 15 in a given year, no fee will be charged for the following year.

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

Please contact our office for approval of your new products.

With kind regards,

Certification Body

  
Andy Chen

Enclosure

证书的详细资料请登陆[www.certipedia.com](http://www.certipedia.com)查阅,或拨打我司客服热线800 999 3668 / 400 883 1300咨询

# Zertifikat

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R 50443571

Blatt *Sheet*  
0002

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Unser Zeichen *Our Reference*  
02--50077322 009

Ausstellungsdatum *Date of Issue*  
02.08.2019 (day/mo/yr)

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S.A. DE C.V.  
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*License Fee - Unit*

PV-Wechselrichter (Photovoltaic grid-connected inverter)

as page 0001  
Continuation

Protective Class : I  
Enclosure Protection(IP) : IP65  
Pollution Degree(PD) : PD 3  
Altitude[m] : 4000  
Operating Temperature range[°C] : -25°C to 60°C  
Type of Inverter : Non-isolated

Remark: The installation has to be carried out according to the attached installation instruction.

Any additional requirements in countries where the product is going to be marketed should be considered additionally.

ANLAGE (Appendix) : 1.0

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Fax: +49 221 806-3935 http://www.tuv.com/safety



Andy Chen

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Jie Li  
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Morelos 905 Sur, Col. Centro,  
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