



Product Service

# Compliance Document

No. D 17 03 99193 001

**Holder of Certificate: Waaree Energies Ltd.**

602, Western Edge-I, Off.  
Western Express Highway  
Borivali(E)  
400066 Mumbai  
INDIA

**Product: Converter  
Grid-Tied PV Inverter****Model(s): W3-4K, W3-5K, W3-6K,  
W3-8K, W3-9K, W3-10K**

<b>Parameters:</b>	Inverter topology:	Non-isolated
	Operating temperature range:	-25°C...+60°C
	AC Overvoltage-category:	III
	DC Overvoltage-category:	II
	Protective class:	I
	Ingress protection:	IP65
Remark: Electrical ratings in attachment		

<b>Tested according to:</b>	IEC 61727:2004
	IEC 62116:2014
	IEC 61683:1999
	EN 50530:2010/A1:2013
	IEC 60068-2-1:2007
	IEC 60068-2-2:2007
	IEC 60068-2-14:2009
	IEC 60068-2-30:2005

This Compliance document confirms the compliance with the listed standards on a voluntary basis. It refers only to the sample submitted for testing and certification and does not certify the quality or safety of the serial products. See also notes overleaf.

Test report no.: 704091705316-00

Date, 2017-03-28

  
(Zhengdong Ma)



Page 1 of 2

Compliance Document  
No. D 17 03 99193 001



Product Service

Model	W3-4K	W3-5K	W3-6K	W3-8K	W3-9K	W3-10K
Parameter						
Max. PV-generator power (W)	5200	6500	7800	9600	10800	12000
Vmax PV (Vd.c.)	1000					
Isc PV (Ad.c.)	16/16					
Rated DC voltage (Vd.c.)	640					
MPPT voltage range (Vd.c.)	200...800	200...800	200...800	200...850	200...850	200...850
Max. DC current (Ad.c.)	11/11					
Rated grid voltage (Va.c.)	3/N/PE~, 400					
Rated current (Aa.c.)	7	8,5	10	12,1	13,6	15,2
AC-grid frequency (Hz)	50					
Rated apparent power (kVA)	4	5	6	8	9	10
Power factor range	Default >0,99, 0,8cap...0,8ind(adj.)					

*Handwritten signature*

Waaree Energies Limited 602,  
Western Edge-I  
Mr. Pujan Doshi

Date : 28.03.2017  
Our ref. : DB 01  
Your ref.: Mr. Pujan Doshi

Off. Western Express Highway  
Borivali (E), Mumbai 400066  
India

**Ref : AK Certificate of Conformity**

Type of Equipment : Grid-Connected PV Inverter  
Model Designation : See Certificate  
Certificate No. : AK 50375092 0001  
Report No. : 15069225 002

Dear Mr. Pujan Doshi,

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

  
Weichun Li

CC: Waaree Energies Limited

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



**C E R T I F I C A T E**  
of Conformity



Registration No.: AK 50375092 0001

Report No.: 15069225 002

**Holder:** Waaree Energies Limited  
602, Western Edge-I  
Off. Western Express Highway  
Borivali (E), Mumbai 400066  
India

**Product:** PV-Inverter  
(Grid-Connected PV Inverter)

**Identification:**  
Type Designation : W3-25K W3-20K W3-17K W-15K  
Firmware Version : V1.06.08  
Remark : Refer to test report 15069225 002  
for details.

**Tested acc. to:** IEC 62116:2014  
IEC 61727:2004

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.

Certification Body



Date 28.03.2017

Weichun Li

**TÜV Rheinland LGA Products GmbH - Tillystraße 2 - 90431 Nürnberg**

Waaree Energies Limited 602,  
Western Edge-I  
Mr. Pujan Doshi

Date : 28.03.2017  
Our ref. : DB 01  
Your ref.: Mr. Pujan Doshi

-  
Off. Western Express Highway  
Borivali (E), Mumbai 400066  
India

**Ref : AK Certificate of Conformity**

Type of Equipment : Grid-Connected PV Inverter  
Model Designation : See Certificate  
Certificate No. : AK 50375075 0001  
Report No. : 15101646 002

Dear Mr. Pujan Doshi,

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

  
Weichun Li

CC: Waaree Energies Limited

Enclosure

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**C E R T I F I C A T E**  
of Conformity



**Registration No.:** AK 50375075 0001

**Report No.:** 15101646 002

**Holder:** Waaree Energies Limited  
602, Western Edge-I  
Off. Western Express Highway  
Borivali (E), Mumbai 400066  
India

**Product:** PV-Inverter  
(Grid-Connected PV Inverter)

**Identification:** Type Designation : W3-60K W3-50K  
Serial Number : A000519070-001, A000519070-002  
Firmware Version : V1.00.01.  
Remark : Refer to test report 15101646 002  
for details.

**Tested acc. to:** IEC 62116:2014  
IEC 61727:2004

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** 28.03.2017

  
Weichun Li

**TÜV Rheinland LGA Products GmbH - Tillystraße 2 - 90431 Nürnberg**



Waaree Energies Limited 602,  
Western Edge-I  
Mr. Pujan Doshi

Date : 28.03.2017  
Our ref. : DB 01  
Your ref.: Mr. Pujan Doshi

Off. Western Express Highway  
Borivali (E), Mumbai 400066  
India

**Ref : R TÜV-Mark Approval**

Type of Equipment : Grid-Connected PV Inverter  
Model Designation : See Certificate  
Certificate No. : R 50375048 0001  
Report No. : 15093885 002

Dear Mr. Pujan Doshi,

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

Please find enclosed your certificate as specified above.

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

The certificate is issued with the reservation that the license holder applies all information required in § 6 of the ProdSG related to name and address of the manufacturer or his authorized representative / importer, including their respective contact addresses on the product prior to marketing of the product in the European Economic Area.

With kind regards,

Certification Body

  
Weichun Li

Enclosure

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# Zertifikat

# Certificate



Zertifikat Nr. *Certificate No.*  
R 50375048

Blatt *Page*  
0001

Ihr Zeichen *Client Reference*

Mr. Pujan Doshi

Unser Zeichen *Our Reference*

01-DB-15093885 002

Ausstellungsdatum

28.03.2017

*Date of Issue*

*(day/mo/yr)*

Genehmigungsinhaber *License Holder*

Waaree Energies Limited  
602, Western Edge-I  
Off. Western Express Highway  
Borivali (E), Mumbai 400066  
India

Fertigungsstätte *Manufacturing Plant*

01-YY-15093885 001

Prüfzeichen *Test Mark*



Bauart geprüft  
Sicherheit  
Regelmäßige  
Produktions-  
überwachung

www.tuv.com  
ID 1419045756

Geprüft nach *Tested acc. to*

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

Zertifiziertes Produkt (Geräteidentifikation)

*Certified Product (Product Identification)*

Lizenzentgelte - Einheit

*License Fee - Unit*

PV-Wechselrichter (Grid-Connected PV Inverter)

Type Designation	: W3-10K	W3-9K	W3-8K	10
Vmax PV[Vd.c.]	: 1000			
Isc PV[Ad.c.]	: 2*16			
MPP Voltage Range[Vd.c.]	: 200-850			
Max. Input Current[Ad.c.]	: 2*11			
Oversvoltage Category (OVC)	: II for PV			
Rated Output Voltage[Va.c.]	: 3N~ 400			
Rated Output Frequency[Hz]	: 50/60			
Rated Output Power[kW]	: 10			
Max. Output Current[Aa.c.]	: 3*15.2	3*13.6	3*12.1	
Power factor	: [-0.80, 0.80]			
Oversvoltage 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



*Signature*  
Weichun Li



# Zertifikat

# Certificate



Zertifikat Nr. *Certificate No.*  
R 50375048

Blatt *Page*  
0002

Ihr Zeichen *Client Reference*  
Mr. Pujan Doshi

Unser Zeichen *Our Reference*  
01-DB-15093885 002

Ausstellungsdatum *Date of Issue*  
28.03.2017 (day/mo/yr)

Genehmigungsinhaber *License Holder*  
Waaree Energies Limited  
602, Western Edge-I  
Off. Western Express Highway  
Borivali (E), Mumbai 400066  
India

Fertigungsstätte *Manufacturing Plant*  
01-YY-15093885 001

## Prüfzeichen *Test Mark*



Bauart geprüft  
Sicherheit  
Regelmäßige  
Produktions-  
überwachung

www.tuv.com  
ID 1419045756

## Geprüft nach *Tested acc. to*

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

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

Lizenzentgelte - Einheit  
*License Fee - Unit*

PV-Wechselrichter (Grid-Connected PV Inverter)

as page 0001 Continuation

3

Type Designation : W3-6K W3-5K W3-4K

Vmax PV[Vd.c.] : 1000  
Isc PV[Ad.c.] : 2\*16  
MPP Voltage Range[Vd.c.] : 200-800  
Max. Input Current[Ad.c.] : 2\*11  
Overvoltage Category (OVC) : II for PV

Rated Output Voltage[Va.c.] : 3N~ 400  
Rated Output Frequency[Hz] : 50/60  
Rated Output Power[kW] : 6 5 4  
Max. Output Current[Aa.c.] : 3\*10.0 3\*8.5 3\*7.0  
Power factor : [-0.80, 0.80]  
Overvoltage Category (OVC) : III for AC Mains

continued on page 0003

3

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

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



Weichun Li

# Zertifikat

# Certificate



Zertifikat Nr. *Certificate No.*  
R 50375048

Blatt *Page*  
0003

Ihr Zeichen <i>Client Reference</i>	Unser Zeichen <i>Our Reference</i>	Ausstellungsdatum <i>Date of Issue</i>	<i>(day/mo/yr)</i>
Mr. Pujan Doshi	01-DB-15093885 002	28.03.2017	

**Genehmigungsinhaber *License Holder***  
Waaree Energies Limited  
602, Western Edge-I  
Off. Western Express Highway  
Borivali (E), Mumbai 400066  
India

**Fertigungsstätte *Manufacturing Plant***  
01-YY-15093885 001

## Prüfzeichen *Test Mark*



Bauart geprüft  
Sicherheit  
Regelmäßige  
Produktions-  
überwachung

www.tuv.com  
ID 1419045756

## Geprüft nach *Tested acc. to*

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

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

**Lizenzentgelte - Einheit**  
*License Fee - Unit*

PV-Wechselrichter (Grid-Connected PV Inverter)

as page 0002 Continuation

Protective Class : I  
Enclosure Protection(IP) : IP65  
Pollution degree(PD) : PD 3  
Operating Temperature [°C] : -25 to 60 (> 45 derating)  
Type of inverter : Non-isolated

### Remark(s) :

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 have to be considered additionally.

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.  
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**TÜV Rheinland LGA Products GmbH, Tillystraße 2, 90431 Nürnberg**

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



Weichun Li



Waaree Energies Limited 602,  
Western Edge-I  
Mr. Pujan Doshi  
-  
Off. Western Express Highway  
Borivali (E), Mumbai 400066  
India

Date : 28.03.2017  
Our ref. : DB 01  
Your ref.: Mr. Pujan Doshi

**Ref : R TÜV-Mark Approval**

Type of Equipment : Grid-Connected PV Inverter  
Model Designation : See Certificate  
Certificate No. : R 50375067 0001  
Report No. : 15086207 004

Dear Mr. Pujan Doshi,

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

Please find enclosed your certificate as specified above.

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

The certificate is issued with the reservation that the license holder applies all information required in § 6 of the ProdSG related to name and address of the manufacturer or his authorized representative / importer, including their respective contact addresses on the product prior to marketing of the product in the European Economic Area.

With kind regards,

Certification Body

  
Weichun Li

Enclosure

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# Zertifikat

# Certificate



Zertifikat Nr. *Certificate No.*      Blatt *Page*  
R 50375067                                      0001

Ihr Zeichen *Client Reference*              Unser Zeichen *Our Reference*              Ausstellungsdatum      *Date of Issue*  
Mr. Pujan Doshi                                      01-DB-15086207 004                                      28.03.2017                                      (day/mo/yr)

Genehmigungsinhaber *License Holder*                                      Fertigungsstätte *Manufacturing Plant*  
Waaree Energies Limited                                      01-DJW-15086207 001  
602, Western Edge-I  
Off. Western Express Highway  
Borivali (E), Mumbai 400066  
India

## Prüfzeichen *Test Mark*



Bauart geprüft  
Sicherheit  
Regelmäßige  
Produktions-  
überwachung

www.tuv.com  
ID 1419045785

## Geprüft nach *Tested acc. to*

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

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

Lizenzentgelte - Einheit  
*License Fee - Unit*

## Netzgerät (Grid-Connected PV Inverter)

Type designation	: W3-25K	W3-20K	9
Vmax PV [Vd.c.]	: 1000		
ISC PV [Ad.c.]	: 32/32	27/27	
MPP Voltage Range [Vd.c.]	: 260-850		
Max. Input Current [Ad.c.]	: 27/27	22/22	
Overvoltage Category (OVC)	: II for PV		
Rated Output Voltage [Va.c.]	: 3N~ 400		
Rated Output Frequency [Hz]	: 50/60		
Rated Output Power [kW]	: 25	20	
Max. Output Current [Aa.c.]	: 3*37	3*30	
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

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



Weichun Li

# Zertifikat

# Certificate



Zertifikat Nr. *Certificate No.*  
R 50375067

Blatt *Page*  
0002

Ihr Zeichen *Client Reference*  
Mr. Pujan Doshi

Unser Zeichen *Our Reference*  
01-DB-15086207 004

Ausstellungsdatum *Date of Issue*  
28.03.2017  
(day/mo/yr)

Genehmigungsinhaber *License Holder*  
Waaree Energies Limited  
602, Western Edge-I  
Off. Western Express Highway  
Borivali (E), Mumbai 400066  
India

Fertigungsstätte *Manufacturing Plant*  
01-DJW-15086207 001

## Prüfzeichen *Test Mark*



Bauart geprüft  
Sicherheit  
Regelmäßige  
Produktions-  
überwachung

www.tuv.com  
ID 1419045785

## Geprüft nach *Tested acc. to*

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

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

Lizenzentgelte - Einheit  
*License Fee - Unit*

Netzgerät (Grid-Connected PV Inverter)

as page 0001 Continuation

2

Type Designation : W3-17K W3-15K  
Vmax PV[Vd.c.] : 1000  
Isc PV[Ad.c.] : 27/27  
MPP Voltage Range[Vd.c.] : 260-850  
Max. Input Current[Ad.c.] : 22/22  
Overvoltage Category (OVC) : II for PV

Rated Output Voltage[Va.c.] : 3N~ 400  
Rated Output Frequency[Hz] : 50/60  
Rated Output Power[kW] : 17 15  
Max. Output Current[Aa.c.] : 3\*25  
Power factor : [-0.80, 0.80]  
Overvoltage Category (OVC) : III for AC Mains

continued on page 0003

2

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.

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Weichun Li



# Zertifikat

# Certificate



Zertifikat Nr. *Certificate No.*  
R 50375067

Blatt *Page*  
0003

Ihr Zeichen *Client Reference*

Mr. Pujan Doshi

Unser Zeichen *Our Reference*

01-DB-15086207 004

Ausstellungsdatum

28.03.2017

*Date of Issue*

(day/mo/yr)

Genehmigungsinhaber *License Holder*

Waaree Energies Limited

602, Western Edge-I

Off. Western Express Highway

Borivali (E), Mumbai 400066

India

Fertigungsstätte *Manufacturing Plant*

01-DJW-15086207 001

Prüfzeichen *Test Mark*



Bauart geprüft  
Sicherheit  
Regelmäßige  
Produktions-  
überwachung

www.tuv.com  
ID 1419045785

Geprüft nach *Tested acc. to*

IEC 62109-1:2010

IEC 62109-2:2011

EN 62109-1:2010

EN 62109-2:2011

Zertifiziertes Produkt (Geräteidentifikation)

*Certified Product (Product Identification)*

Lizenzentgelte - Einheit

*License Fee - Unit*

Netzgerät (Grid-Connected PV Inverter)

as page 0002 Continuation

Protective Class : I  
Enclosure Protection (IP) : IP 65  
Pollution Degree (PD) : PD 3  
Altitude [m] : 2000  
Operating Temperature [°C] : -25 to 60 (>45 derating)  
Type of Inverter : Non-isolated

Remark(s) :

The installation has to be carried out according to the attached product installation instruction.  
Any additional requirements in countries where the product is going to be marketed have to be considered additionally.

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.

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



Weichun Li





Product Service

# CERTIFICATE

No. B 17 03 99193 002

**Holder of Certificate: Waaree Energies Ltd.**

602, Western Edge-I, Off.  
Western Express Highway  
Borivali(E)  
400066 Mumbai  
INDIA

**Certification Mark:****Product:****Converter  
PV Grid-connected Inverter**

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. See also notes overleaf.

Test report no.: 701261701501-00

Valid until: 2021-10-16

Date, 2017-03-29

  
( Zhengdong Ma )

Page 1 of 2





Product Service

**CERTIFICATE****No. B 17 03 99193 002****Model(s): W3-50K, W3-60K, W3-65K, W3-75K**

<b>Parameters:</b>	Vmax PV:	1000 Vdc
	MPPT voltage range:	260 ... 850 Vdc
	Rated DC voltage:	610 Vdc(W3-50K, W3-60K) 720 Vdc(W3-65K, W3-75K)
	Max. DC current:	28/28/19/19 Adc (W3-50K) 28/28/28/28 Adc (W3-60K) 28/28/28/28 Adc (W3-65K) 28/28/28/36 Adc (W3-75K)
	Isc PV:	35/35/24/24 Adc (W3-50K) 35/35/35/35 Adc (W3-60K) 35/35/35/35 Adc (W3-65K) 35/35/35/45 Adc (W3-75K)
	Rated grid voltage:	3/N/PE ~ 380/400V(W3-50K, W3-60K) 3/PE ~ 480V(W3-65K, W3-75K)
	Rated grid frequency:	50/60 Hz
	a.c.Output Max.Current:	80 A (W3-50K) 90 A (W3-60K) 80 A (W3-65K) 90 A (W3-75K)
	a.c.Output Rated Power:	50000 VA (W3-50K) 60000 VA (W3-60K) 65000 VA (W3-65K) 75000 VA (W3-75K)
	a.c.Output Max.Active Power:	55000 W (W3-50K) 64000 W (W3-60K) 66480 W (W3-65K) 75000 W (W3-75K)
	a.c.Output Max. Apparent Power:	55000 VA (W3-50K) 64000 VA (W3-60K) 66480 VA (W3-65K) 75000 VA (W3-75K)
	Power factor range:	Default >0,99@nominal power (adj: 0,8cap...0,8ind)
	Operation temperature range:	-25°C ... +60°C
	Protective class:	I
	Ingress protection:	IP65
	Overvoltage category:	III(Mains), II(PV)

**Tested  
according to:**IEC 62109-1:2010  
EN 62109-1:2010  
IEC 62109-2:2011  
EN 62109-2:2011**Production  
Facility(ies):**

83373

Page 2 of 2

Waaree Energies Limited 602,  
Western Edge-I  
Mr. Pujan Doshi

Date : 28.03.2017  
Our ref. : DB 01  
Your ref.: Mr. Pujan Doshi

-  
Off. Western Express Highway  
Borivali (E), Mumbai 400066  
India

**Ref : AK Certificate of Conformity**

Type of Equipment : Grid-Connected PV Inverter  
Model Designation : See Certificate  
Certificate No. : AK 50375082 0001  
Report No. : 15069225 002

Dear Mr. Pujan Doshi,

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

  
Weichun Li

CC: Waaree Energies Limited

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



# CERTIFICATE of Conformity



Registration No.: AK 50375082 0001

Report No.: 15069225 002

**Holder:** Waaree Energies Limited  
602, Western Edge-I  
Off. Western Express Highway  
Borivali (E), Mumbai 400066  
India

**Product:** PV-Inverter  
(Grid-Connected PV Inverter)

**Identification:**

Type Designation	:	W3-25K	W3-20K	W3-17K	W-15K
Firmware Version	:	V1.06.08			
Remark	:	Reference standards IEC 60068-2-1:2007, IEC 60068-2-2:2007, IEC 60068-2-14:2009 and IEC 60068-2-30:2005 are considered in tests.			

**Tested acc. to:** IEC 61683:1999

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 28.03.2017

A circular blue seal for TÜV Rheinland LGA Products GmbH. The outer ring contains the text 'TÜV Rheinland LGA Products GmbH' and 'Certification Body'. The inner part features the TÜV Rheinland logo and the text 'TÜVRheinland'. A signature is written across the seal.  
Weichun Li

**TÜV Rheinland LGA Products GmbH - Tillystraße 2 - 90431 Nürnberg**

Waaree Energies Limited 602,  
Western Edge-I  
Mr. Pujan Doshi

Date : 28.03.2017  
Our ref. : DB 01  
Your ref.: Mr. Pujan Doshi

-  
Off. Western Express Highway  
Borivali (E), Mumbai 400066  
India

**Ref : AK Certificate of Conformity**

Type of Equipment : Grid-Connected PV Inverter  
Model Designation : See Certificate  
Certificate No. : AK 50375079 0001  
Report No. : 15101584 002

Dear Mr. Pujan Doshi,

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

  
Weichun Li

CC: Waaree Energies Limited

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

**C E R T I F I C A T E**  
of Conformity



Registration No.: AK 50375079 0001

Report No.: 15101584 002

**Holder:** Waaree Energies Limited  
602, Western Edge-I  
Off. Western Express Highway  
Borivali (E), Mumbai 400066  
India

**Product:** PV-Inverter  
(Grid-Connected PV Inverter)

**Identification:**

Type Designation	: W3-60K W3-50K
Serial Number	: A000519070-001, A000519070-002
Remark	: Reference standards IEC 60068-2-1:2007, IEC 60068-2-2:2007, IEC 60068-2-14:2009 and IEC 60068-2-30:2005 are considered in tests.

**Tested acc. to:** IEC 61683:1999

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 28.03.2017

Certification Body  
The seal of TÜV Rheinland LGA Products GmbH, featuring the company logo and the text 'TÜV Rheinland LGA Products GmbH' and 'Zertifizierungsstelle'.  
Weichun Li

**TÜV Rheinland LGA Products GmbH - Tillystraße 2 - 90431 Nürnberg**