



Product Service

Compliance Document

No. D 097335 0010 Rev. 00

Model(s): PSIT-50K, PSIT-60K

Parameters:

Model	PSIT-50K	PSIT-60K
PV input		
Max. input voltage:	d.c. 1100 V	
MPP voltage range:	d.c. 200-1000 V	
Max. input current:	4 x 28.5 A	
Isc PV (absolute maximum):	4 x 44.5 A	
AC output		
Rated grid voltage:	3N~ 400/230V	
Rated grid frequency:	50/60Hz	
Rated output power:	50000 W	60000 W
Max. AC output active power:	55000 W	66000 W
Max. AC output apparent power:	55000 VA	66000 VA
Max. continuous output current:	83.3 A	100 A
Adjustable cos(ϕ):	-0.8... 1... +0.8	
Protection class	I	
Degree of protection	IP65	
Overvoltage category	II(PV), III(MAINS)	
Ambient temperature	-25 ... +60°C	

Tested according to:

- IEC 61727(ed.2)
- IEC 62116(ed.2)
- IEC 61683(ed.1)
- EN 50530:2010/A1:2013
- IEC 60068-2-1(ed.6)
- IEC 60068-2-2(ed.5)
- IEC 60068-2-14(ed.6)
- IEC 60068-2-27(ed.4)
- IEC 60068-2-30(ed.3)
- IEC 60068-2-64(ed.2)

Handwritten signature

TÜV SÜD TÜV SÜD TÜV SÜD TÜV SÜD TÜV SÜD TÜV SÜD TÜV SÜD TÜV SÜD TÜV SÜD TÜV SÜD TÜV SÜD TÜV SÜD TÜV SÜD TÜV SÜD TÜV SÜD
ZERTIFIKAT ◆ CERTIFICATE ◆ 認證書 ◆ CERTIFICADO ◆ CERTIFICAT

C E R T I F I C A T E
of Conformity
EC Council Directive 2014/30/EU
Electromagnetic Compatibility

Registration No.: AE 50444580 0001

Report No.: 50075905 009

Holder: **POLYCAB INDIA LIMITED**
Polycab House,
771, Mogul Lane, Mahim (West),
Mumbai 400016
India

Product: PV-Inverter
(Grid-connected PV Inverter)

Identification: PSIT-40K PSIT-50K PSIT-50K HV PSIT-60K HV

Serial No.: n.a.

Remark: Refer to test report 50075905 009 for details.

Tested acc. to: EN 61000-6-2:2005
EN 61000-6-4:2007+A1
IEC 61000-6-2:2005
IEC 61000-6-4:2006+A1

This certificate of conformity is based on an evaluation of a sample of the above mentioned product. Technical Report and documentation are at the Licence Holder's disposal. This is to certify that the tested sample is in conformity with all provisions of Annex I of Council Directive 2014/30/EU. 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. The holder of the certificate is authorized to use this certificate in connection with the EC declaration of conformity according to the a.m. Directive.

Date 06.11.2019



TÜV Rheinland LGA Products GmbH - Tillystraße 2 - 90431 Nürnberg

CE The CE marking may only be used if all relevant and effective EC Directives are complied with. CE

POLYCAB INDIA LIMITED

Date : 06.11.2019
Our ref. : QYB 01
Your ref.: L.R.H.

Polycab House,
771, Mogul Lane, Mahim (West),
Mumbai 400016
India

Ref : AE Certificate of Conformity EMC

Type of Equipment : Grid-connected PV Inverter
Model Designation : See Certificate
Certificate No. : AE 50444580 0001
Report No. : 50075905 009

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


Xinhua Lu

CC: Ningbo Ginlong technologies

Enclosure

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

Ningbo Ginlong technologies Co.,
Ltd.
Ms. Li ronghua
-
No.57 Jintong Road, Binhai,
(seafront), Industrial Park,
Xiangshan Ningbo, Zhejiang 315712
P. R. China

Date : 06.11.2019
Our ref. : QYB 01
Your ref.: L.R.H.

Ref : AE Certificate of Conformity EMC

Type of Equipment : Grid-connected PV Inverter
Model Designation : See Certificate
Certificate No. : AE 50444580 0001
Report No. : 50075905 009

Dear Ms. Li ronghua,

The certificate holder is: POLYCAB INDIA LIMITED

With kind regards,

Certification Body

Xinhua Lu
Xinhua Lu

Enclosure

证书的详细资料请登陆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
EC Council Directive 2014/30/EU
Electromagnetic Compatibility

Registration No.: AE 50444585 0001

Report No.: 50075905 010

Holder: **POLYCAB INDIA LIMITED**
Polycab House,
771, Mogul Lane, Mahim (West),
Mumbai 400016
India

Product: PV-Inverter
(Grid-connected PV Inverter)

Identification: PSIT-60K

Serial No.: n.a.
Remark: Refer to test reports 50075905 010 for details.

Tested acc. to: EN 61000-6-2:2005
EN 61000-6-4:2007+A1
IEC 61000-6-2:2005
IEC 61000-6-4:2006+A1

This certificate of conformity is based on an evaluation of a sample of the above mentioned product. Technical Report and documentation are at the Licence Holder's disposal. This is to certify that the tested sample is in conformity with all provisions of Annex I of Council Directive 2014/30/EU. 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. The holder of the certificate is authorized to use this certificate in connection with the EC declaration of conformity according to the a.m. Directive.

Certification Body

Date 06.11.2019



TÜV Rheinland LGA Products GmbH - Tillystraße 2 - 90431 Nürnberg

CE The CE marking may only be used if all relevant and effective EC Directives are complied with. CE

POLYCAB INDIA LIMITED

Date : 06.11.2019
Our ref. : QYB 01
Your ref.: L.R.H.

Polycab House,
771, Mogul Lane, Mahim (West),
Mumbai 400016
India

Ref : AE Certificate of Conformity EMC

Type of Equipment : Grid-connected PV Inverter
Model Designation : See Certificate
Certificate No. : AE 50444585 0001
Report No. : 50075905 010

Dear Ladies and Gentlemen,

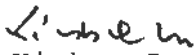
We herewith confirm that a sample of the above mentioned technical equipment has been tested and was found to be in accordance with the relevant requirements.

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


Xinhua Lu

CC: Ningbo Ginlong technologies

Enclosure

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

Ningbo Ginlong technologies Co.,
Ltd.
Ms. Li ronghua
-
No.57 Jintong Road, Binhai,
(seafont), Industrial Park,
Xiangshan Ningbo, Zhejiang 315712
P. R. China

Date : 06.11.2019
Our ref. : QYB 01
Your ref.: L.R.H.

Ref : AE Certificate of Conformity EMC


Type of Equipment : Grid-connected PV Inverter
Model Designation : See Certificate
Certificate No. : AE 50444585 0001
Report No. : 50075905 010

Dear Ms. Li ronghua,

The certificate holder is: POLYCAB INDIA LIMITED

With kind regards,

Certification Body



Xinhua Lu

Enclosure

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



Product Service

CERTIFICATE

No. B 097335 0009 Rev. 00

Model(s): PSIT-50K, PSIT-50K HV, PSIT-60K, PSIT-60K HV

Parameters:

Models	PSIT-50K	PSIT-50K HV	PSIT-60K	PSIT-60K HV
PV input ratings:				
Max. input voltage:	d.c. 1100 V	d.c. 1100 V	d.c. 1100 V	d.c. 1100 V
MPP voltage range:	d.c. 200-1000V	d.c. 200-1000V	d.c. 200-1000V	d.c. 200-1000V
Max. input current:	d.c.4×28.5A	d.c. 4×22A	d.c.4×28.5A	d.c.4×28.5A
Isc PV (absolute maximum):	d.c.4×44.5A	d.c.4×34.3A	d.c.4×44.5A	d.c.4×44.5A
AC output:				
Rated grid voltage:	a.c. 3/N/PE~ 400/230V	a.c. 3/PE~ 480V	a.c. 3/N/PE~ 400/230V	a.c. 3/PE~ 480V
Rated grid frequency:	50/60Hz			
Max. AC output active power:	55000W	55000W	66000W	66000W
Max. AC output apparent power:	55000VA	55000VA	66000VA	66000VA
Max. Continuous output current:	a.c. 83.3 A	a.c. 66.2 A	a.c. 100 A	a.c. 80 A
Adjustable cos(Φ):	-0.8...1...+0.8			
Protection class	I			
Degree of protection	IP65			
Overvoltage category	III(MAINS), II(PV)			
Ambient temperature	-25 ... +60°C			

Tested according to: EN 62109-1:2010
EN 62109-2:2011
IEC 62109-1(ed.1)
IEC 62109-2(ed.1)

Production Facility(ies): 086470

TUV SUD TÜV SÜD TÜV SÜD TÜV SÜD TÜV SÜD TÜV SÜD TÜV SÜD TÜV SÜD TÜV SÜD TÜV SÜD TÜV SÜD TÜV SÜD TÜV SÜD TÜV SÜD TÜV SÜD
ZERTIFIKAT ♦ CERTIFICATE ♦ 認證證書 ♦ CERTIFICADO ♦ CERTIFICAT