



Product Service

Attestation of Conformity

No. N8A 107556 0005 Rev. 00

Holder of Certificate: **SUZHOU VEICHI ELECTRIC CO.,LTD**
No.1000 Songjia Avenue, Guoxiang Street
Wuzhong District
215124 Suzhou
PEOPLE'S REPUBLIC OF CHINA

Product: **Converter**
(Solar pump inverter)

This Attestation of Conformity is issued on a voluntary basis according to the Low Voltage Directive 2014/35/EU relating to electrical equipment designed for use within certain voltage limits. It confirms that the listed equipment complies with the principal protection requirements of the directive and is based on the technical specifications applicable at the time of issuance. It refers only to the particular sample submitted for testing and certification. For details see: www.tuvsud.com/ps-cert

Test report no.: 64290213077901

Date, 2022-06-30

(Symbol Zhao)

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After preparation of the necessary technical documentation as well as the EU declaration of conformity the required CE marking can be affixed on the product. The declaration of conformity is issued under the sole responsibility of the manufacturer. Other relevant EU-directives have to be observed.



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Model(s): **SI23-D5-004G-A, SI23-D5-5R5G-A,
SI23-D5-5R5P-A, SI23-D5-7R5P-A**

Parameters:

Model:	SI23-D5-004G-A	SI23-D5-5R5G-A	SI23-D5-5R5P-A	SI23-D5-7R5P-A
PV input parameters:				
Maximum input voltage	800 Vd.c.	800 Vd.c.	800 Vd.c.	800 Vd.c.
MPPT voltage range	250-780 Vd.c.	250-780 Vd.c.	250-780 Vd.c.	250-780 Vd.c.
MPPT voltage range (full load)	540-780 Vd.c.	540-780 Vd.c.	540-780 Vd.c.	540-780 Vd.c.
Maximum input current	17.0 Ad.c.	22.0 Ad.c.	17.0 Ad.c.	22.0 Ad.c.
Isc PV	19.0 Ad.c.	24.5 Ad.c.	19.0 Ad.c.	24.5 Ad.c.
AC output parameters:				
Rated output voltage	3/PE, 380 Va.c.	3/PE, 380 Va.c.	3/PE, 380 Va.c.	3/PE, 380 Va.c.
Rated output frequency	50 Hz	50 Hz	50 Hz	50 Hz
Maximum continuous output current	10.0 Aa.c.	13.0 Aa.c.	13.0 Aa.c.	17.0 Aa.c.
Maximum output active power	4.0 kW	5.5 kW	5.5 kW	7.5 kW
Maximum output apparent power	6.5 kVA	8.5 kVA	8.5 kVA	11.0 kVA
Power factor range	0.7 un – 1	0.7 un – 1	0.7 un – 1	0.7 un – 1
General				
Operating temperature range	-10 to 50°C	-10 to 50°C	-10 to 50°C	-10 to 50°C
Protection class	Class I	Class I	Class I	Class I
Pollution degree	PD 2	PD 2	PD 2	PD 2
Overvoltage category (OVC)	II	II	II	II
Ingress protection	IP20	IP20	IP20	IP20
Operating altitude range	<1000m	<1000m	<1000m	<1000m

Tested according to: EN 62109-1:2010
EN 62109-2:2011

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