



Product Service

CERTIFICATE

No. Z2 107556 0010 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

Certification Mark:



Product: Converter
(Solar pump 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. 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.: 64290213078101

Valid until: 2027-08-11

Date, 2022-08-16

(Symbol Zhao)

CERTIFICATE

No. Z2 107556 0010 Rev. 00

Model(s): **SI23-D5-015G-A, SI23-D5-018P-A,
SI23-D5-018G-A, SI23-D5-022P-A,
SI23-D5-022G-A, SI23-D5-030P-A**

Parameters:

Model:	SI23-D5-015G-A	SI23-D5-018P-A	SI23-D5-018G-A
PV input parameters:			
Maximum input voltage	800 Vd.c.	800 Vd.c.	800 Vd.c.
MPPT voltage range	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.
Maximum continuous input current	50.0Ad.c.	50.0Ad.c.	59.0Ad.c.
Isc PV	56.0Ad.c.	56.0Ad.c.	65.0Ad.c.
AC output parameters:			
Rated output voltage	3/PE, 380 Va.c.		
Rated output frequency	50 Hz		
Maximum continuous output current	32.0 Aa.c.	38.0 Aa.c.	38.0 Aa.c.
Maximum output active power	15.0kW	18.5 kW	18.5kW
Maximum output apparent power	21.0 kVA	25.0kVA	25.0 kVA
Power factor range	0.7 un – 1		
General			
Operating temperature range	-10 to 50°C		
Protection class	I		
Pollution degree	PD 2		
Overvoltage category (OVC)	II		
Ingress protection	IP20		
Operating altitude range	<1000m		

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No. Z2 107556 0010 Rev. 00

Model:	SI23-D5-022P-A	SI23-D5-022G-A	SI23-D5-030P-A
PV input parameters:			
Maximum input voltage	800 Vd.c.	800 Vd.c.	800 Vd.c.
MPPT voltage range	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.
Maximum input current	59.0Ad.c.	78.0Ad.c.	78.0Ad.c.
Isc PV	65.0Ad.c.	86.0Ad.c.	86.0Ad.c.
AC output parameters:			
Rated output voltage	3/PE, 380 Va.c.		
Rated output frequency	50 Hz		
Maximum continuous output current	45.0 Aa.c.	45.0 Aa.c.	60.0 Aa.c.
Maximum output active power	22.0 kW	22.0 kW	30.0 kW
Maximum output apparent power	29.6 kVA	29.6 kVA	39.5kVA
Power factor range	0.7 un – 1		
General			
Operating temperature range	-10 to 50°C		
Protection class	I		
Pollution degree	PD 2		
Overtoltage category (OVC)	II		
Ingress protection	IP20		
Operating altitude range	<1000m		

**Tested
according to:**

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