



Product Service

# CERTIFICATE

No. Z2 107556 0001 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](http://www.tuvsud.com/ps-cert)

**Test report no.:** 64290203008101

**Valid until:** 2025-07-20

**Date,** 2020-07-21

( Billy Qiu )

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**Model(s):** **SI30-D5-5R5G-R, SI30-D5-7R5G-R,  
SI30-D5-011G-R**

## Parameters:

Model:	SI30-D5-5R5G-R	SI30-D5-7R5G-R	SI30-D5-011G-R
PV input parameters:			
Maximum input power	8.5 kW	11 kW	16 kW
Maximum input voltage	800 Vd.c.	800 Vd.c.	800 Vd.c.
MPPT voltage range	300-780 Vd.c.	300-780 Vd.c.	300-780 Vd.c.
Maximum input current	14.6 Ad.c.	20.5 Ad.c.	26.0 Ad.c.
Isc PV	15.64 Ad.c.	21.96 Ad.c.	29.32 Ad.c.
AC input terminal parameters:			
Maximum input power	6.8 kW	9 kW	13 kW
Rated input voltage	3/PE, 380 Va.c.	3/PE, 380 Va.c.	3/PE, 380 Va.c.
Maximum continuous input current	16.7 Aa.c.	21.9 Aa.c.	32.2 Aa.c.
Rated input frequency	50 Hz	50 Hz	50 Hz
AC output parameters:			
Rated output voltage	3/PE, 380 Va.c.	3/PE, 380 Va.c.	3/PE, 380 Va.c.
Rated output frequency	50 Hz	50 Hz	50 Hz
Maximum continuous output current	13.0 Aa.c.	17.0 Aa.c.	20.9 Aa.c.
Maximum output power	5.5 kW	7.5 kW	11 kW
Power factor range	0.8un -1	0.8un -1	0.8un -1
General			
Operating temperature range	-10 - 60°C	-10 - 60°C	-10 - 60°C
Protection class	Class I	Class I	Class I
Ingress protection	IP65	IP65	IP65
Operating altitude range	<1000m	<1000m	<1000m

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

**Production Facility(ies):** 107556