

TÜV SÜD  
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Product Service

# Attestation of Conformity

No. N8A 099312 0044 Rev. 00

**Holder of Certificate:** **Solar Solutions GmbH**  
Brückenstrasse 94  
60594 Frankfurt am Main  
GERMANY

**Product:** **Converter**  
**(PV grid-interactive 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. See also notes overleaf.

**Test report no.:** 64290180553402A

**Date,** 2019-11-21

(Billy Qiu)

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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.



Product Service

# Attestation of Conformity

No. N8A 099312 0044 Rev. 00

**Model(s):** AS-IC01-20000-2, AS-IC01-25000-2,  
AS-IC01-30000-2, AS-IC01-33000-2,  
AS-IC01-35000-2, AS-IC01-40000-2

## Parameters:

Model	AS-IC01-20000-2	AS-IC01-25000-2	AS-IC01-30000-2
Vmax. PV	1000 Vd.c.	1000 Vd.c.	1000 Vd.c.
MPPT Range	280 – 800 Vd.c.	280 – 800 Vd.c.	280 – 800 Vd.c.
Max. continuous PV input current	25x2 A	30x2 A	33x2 A
Isc PV	27x2 A	33x2 A	36x2 A
Max. continuous output current	32 A	40 A	48 A
Max. continuous output power	20 kVA	25 kVA	30 kVA
Nominal Frequency	50/60 Hz	50/60 Hz	50/60 Hz
Nominal AC voltage	3/N/PE, 230V/400V	3/N/PE, 230V/400V	3/N/PE, 230V/400V
Power factor (Cos phi), adjustable	0,80 <sub>under-excited</sub> to 0,80 <sub>over-excited</sub>	0,80 <sub>under-excited</sub> to 0,80 <sub>over-excited</sub>	0,80 <sub>under-excited</sub> to 0,80 <sub>over-excited</sub>
Temperature	-25 °C - +60 °C	-25 °C - +60 °C	-25 °C - +60 °C
Protective class	I	I	I
Overvoltage Category	II(DC), III(AC)	II(DC), III(AC)	II(DC), III(AC)
Ingress protection	IP65	IP65	IP65

Model	AS-IC01-33000-2	AS-IC01-35000-2	AS-IC01-40000-2
Vmax PV	1000 Vd.c.	1000 Vd.c.	1000 Vd.c.
MPPT Range	280 - 800 Vd.c.	280 - 800 Vd.c.	280 - 800 Vd.c.
Max. continuous PV input current	33x2 Ad.c.	33x2 Ad.c.	33x2 Ad.c.
Isc PV	36x2 Ad.c.	36x2 Ad.c.	36x2 Ad.c.
Max. continuous output current	48 Aa.c	48 Aa.c	48 Aa.c.
Max. continuous output power	33 kVA	35 kVA	40 kVA
Nominal Frequency	50/60 Hz	50/60 Hz	50/60 Hz
Nominal AC voltage	3/N/PE, 230V/400V	3/N/PE, 230V/400V	3/N/PE, 277V/480V
Power factor (Cos phi), adjustable	0.80 <sub>under-excited</sub> to 0.80 <sub>over-excited</sub>	0.80 <sub>under-excited</sub> to 0.80 <sub>over-excited</sub>	0.80 <sub>under-excited</sub> to 0.80 <sub>over-excited</sub>
Temperature	-25 °C ~ +60 °C	-25 °C ~ +60 °C	-25 °C ~ +60 °C
Protective class	I	I	I
Ingress protection	IP65	IP65	IP65

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