

Compliance Document

No. D 099312 0052 Rev. 00

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

Product: **Converter**
(PV grid-interactive inverter)

This Compliance document confirms the compliance with the listed standards on a voluntary basis. It refers only to the sample submitted for testing and certification and does not certify the quality or safety of the serial products. For details see: www.tuvsud.com/ps-cert

Test report no.: 64290203022201A

Date, 2021-01-20



(Billy Qiu)

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Model(s): **AS-IR01-750, AS-IR01-1000, AS-IR01-1500, AS-IR01-2000, AS-IR01-3000**

Parameters:

Model	AS-IR01-750	AS-IR01-1000	AS-IR01-1500	AS-IR01-2000	AS-IR01-3000
PV terminal					
V _{max} PV	400 Vd.c.	450 Vd.c.	450 Vd.c.	450 Vd.c.	500 Vd.c.
MPPT Range	50 - 400 Vd.c.	60 - 400 Vd.c.	80 - 410 Vd.c.	100 - 410 Vd.c.	120 - 450 Vd.c.
Max. Continuous input current	8 Ad.c.	9 Ad.c.	10 Ad.c.	12 Ad.c.	15 Ad.c.
I _{sc} PV	8.8 Ad.c.	9.9 Ad.c.	11 Ad.c.	13.2 Ad.c.	16.5 Ad.c.
Grid terminal					
Max. continuous output current	3.6 A	4.5 A	6.5 A	9 A	13 A
Max. continuous output power	750 W	1000 W	1500 W	2000 W	3000 W
Frequency	50 Hz	50 Hz	50 Hz	50 Hz	50 Hz
Nominal AC voltage	230 V	230 V	230 V	230 V	230 V
P _E max, Max. active power	747W	991W	1497W	1996W	3001W
S _E Max, Max. apparent power	748VA	998VA	1499VA	1999VA	3007VA
Power factor range, adjustable	0.95leading~0.95 lagging				
General					
Protective class	I				
NS protection	Integrated NS protection with interface switch inside				

Tested according to:

VDE-AR-N 4105:2018
DIN VDE V 0124-100:2020