

# Compliance Document

No. D 090313 0017 Rev. 00

**Holder of Certificate:** **Autarco Group BV**  
Torenallee 20  
5617 BC Eindhoven  
THE NETHERLANDS

**Product:** **Converter**  
**PV Grid Tied 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](http://www.tuvsud.com/ps-cert)

**Test report no.:** 704092228701-00

**Date,** 2022-05-12



( Zhengdong Ma )

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**Model(s):** S2.SX700(S)-MII, S2.SX1000(S)-MII, S2.SX1500(S)-MII, S2.SX2000(S)-MII, S2.SX2500(S)-MII, S2.SX3000(S)-MII, S2.SX3600(S)-MII, S2.SX700-MIII, S2.SX1000-MIII, S2.SX1500-MIII, S2.SX2000-MIII, S2.SX2500-MIII, S2.SX3000-MIII, S2.SX3600-MIII.

## Parameters:

PV Input Parameters	
Max. input voltage:	d.c. 600 V (S2.SX700(S)-MII, S2.SX1000(S)-MII, S2.SX1500(S)-MII, S2.SX2000(S)-MII, S2.SX2500(S)-MII, S2.SX3000(S)-MII, S2.SX3600(S)-MII)
Max. input current:	d.c. 11 A (S2.SX700(S)-MII, S2.SX1000(S)-MII, S2.SX1500(S)-MII, S2.SX2000(S)-MII, S2.SX2500(S)-MII, S2.SX3000(S)-MII) d.c. 19 A (S2.SX3600(S)-MII)
Isc PV (absolute maximum)	d.c. 17.2 A (S2.SX700(S)-MII, S2.SX1000(S)-MII, S2.SX1500(S)-MII, S2.SX2000(S)-MII, S2.SX2500(S)-MII, S2.SX3000(S)-MII) d.c. 30 A (S2.SX3600(S)-MII)
MPPT voltage range	d.c. 50-500 V (S2.SX700(S)-MII, S2.SX1000(S)-MII, S2.SX1500(S)-MII) d.c. 80-500 V (S2.SX2000(S)-MII, S2.SX2500(S)-MII, S2.SX3000(S)-MII, S2.SX3600(S)-MII)
AC.output parameters	
Rated output power	700 W (S2.SX700(S)-MII) 1000 W (S2.SX1000(S)-MII) 1500 W (S2.SX1500(S)-MII) 2000 W (S2.SX2000(S)-MII) 2500 W (S2.SX2500(S)-MII) 3000 W (S2.SX3000(S)-MII) 3600 W (S2.SX3600(S)-MII)
Max. AC output active power	800 W (S2.SX700(S)-MII) 1100 W (S2.SX1000(S)-MII) 1700 W (S2.SX1500(S)-MII) 2200 W (S2.SX2000(S)-MII) 2800 W (S2.SX2500(S)-MII) 3300 W (S2.SX3000(S)-MII) 3600 W (S2.SX3600(S)-MII)

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Max. AC output apparent power	800 VA (S2.SX700(S)-MII) 1100 VA (S2.SX1000(S)-MII) 1700 VA (S2.SX1500(S)-MII) 2200 VA (S2.SX2000(S)-MII) 2800 VA (S2.SX2500(S)-MII) 3300 VA (S2.SX3000(S)-MII) 3600 VA (S2.SX3600(S)-MII)
Rated grid voltage	a.c. 230 V
Rated grid frequency	50 Hz
Max. continuous output current	a.c. 4.4 A (S2.SX700(S)-MII) a.c. 5.2 A (S2.SX1000(S)-MII) a.c. 8.1 A (S2.SX1500(S)-MII) a.c. 10.5 A (S2.SX2000(S)-MII) a.c. 13.3 A (S2.SX2500(S)-MII) a.c. 15.7 A (S2.SX3000(S)-MII) a.c. 16 A (S2.SX3600(S)-MII)
Adjustable cos( $\varphi$ )	-0.8...+0.8
Others	
Operating temperature Range:	-25 °C...+60 °C
Protective Class:	I
Ingress Protection:	IP65
Overvoltage Category:	PV: II, Main: III
Inverter Topology:	Non-isolated

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PV Input Parameters	
Max. input voltage:	d.c. 600 V (S2.SX700-MIII, S2.SX1000-MIII, S2.SX1500-MIII, S2.SX2000-MIII, S2.SX2500-MIII, S2.SX3000-MIII, S2.SX3600-MIII)
Max. input current:	d.c. 14 A (S2.SX700-MIII, S2.SX1000-MIII, S2.SX1500-MIII, S2.SX2000-MIII, S2.SX2500-MIII, S2.SX3000-MIII) d.c. 19 A (S2.SX3600-MIII)
Isc PV (absolute maximum)	d.c. 22 A (S2.SX700-MIII, S2.SX1000-MIII, S2.SX1500-MIII, S2.SX2000-MIII, S2.SX2500-MIII, S2.SX3000-MIII) d.c. 30 A (S2.SX3600-MIII)
MPPT voltage range	d.c. 50-500 V (S2.SX700-MIII, S2.SX1000-MIII, S2.SX1500-MIII) d.c. 80-500 V (S2.SX2000-MIII, S2.SX2500-MIII, S2.SX3000-MIII, S2.SX3600-MIII)
AC.output parameters	
Rated output power	700 W (S2.SX700-MIII) 1000 W (S2.SX1000-MIII) 1500 W (S2.SX1500-MIII) 2000 W (S2.SX2000-MIII) 2500 W (S2.SX2500-MIII) 3000 W (S2.SX3000-MIII) 3600 W (S2.SX3600-MIII)
Max. AC output active power	770 W (S2.SX700-MIII) 1100 W (S2.SX1000-MIII) 1650 W (S2.SX1500-MIII) 2200 W (S2.SX2000-MIII) 2750 W (S2.SX2500-MIII) 3300 W (S2.SX3000-MIII) 3600 W (S2.SX3600-MIII)

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Max. AC output apparent power	770 VA (S2.SX700-MIII) 1100 VA (S2.SX1000-MIII) 1650 VA (S2.SX1500-MIII) 2200 VA (S2.SX2000-MIII) 2750 VA (S2.SX2500-MIII) 3300 VA (S2.SX3000-MIII) 3600 VA (S2.SX3600-MIII)
Rated grid voltage	a.c. 230 V
Rated grid frequency	50 Hz
Max. continuous output current	a.c. 4.4 A (S2.SX700-MIII) a.c. 5.2 A (S2.SX1000-MIII) a.c. 8.1 A (S2.SX1500-MIII) a.c. 10.5 A (S2.SX2000-MIII) a.c. 13.3 A (S2.SX2500-MIII) a.c. 15.7 A (S2.SX3000-MIII) a.c. 16 A (S2.SX3600-MIII)
Adjustable cos( $\varphi$ )	-0.8...+0.8
Others	
Operating temperature Range:	-25°C...+60°C
Protective Class:	I
Ingress Protection:	IP66
Overvoltage Category:	PV: II, Main: III
Inverter Topology:	Non-isolated

**Tested  
according to:**

EN 50549-1:2019/AC:2019