

# Compliance Document

No. D 090313 0013 Rev. 00

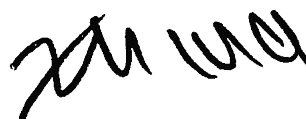
**Holder of Certificate:** **Autarco Group BV**  
Schansoord 60  
5469 SH Erp  
THE NETHERLANDS

**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.:** 701262103801-00

**Date,** 2021-03-16



( Zhengdong Ma )

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**Model(s):** S2.LD5000(S)-MII, S2.LD6000(S)-MII,  
S2.LD8000(S)-MII, S2.LD9000(S)-MII,  
S2.LD10000(S)-MII, S2.LQ12000(S)-MII,  
S2.LQ15000(S)-MII, S2.LQ17000(S)-MII,  
S2.LQ20000(S)-MII.

## Parameters:

Max. input voltage:	1000 Vd.c.
Mppt voltage range:	160-850 Vd.c.
Max. input current:	2 x 11 A (S2.LD5000(S)-MII, S2.LD6000(S)-MII, S2.LD8000(S)-MII, S2.LD9000(S)-MII, S2.LD10000(S)-MII) 2 x 22 A (S2.LQ12000(S)-MII, S2.LQ15000(S)-MII, S2.LQ17000(S)-MII, S2.LQ20000(S)-MII)
Isc PV(absolute maximum):	2 x 17,2 A (S2.LD5000(S)-MII, S2.LD6000(S)-MII, S2.LD8000(S)-MII, S2.LD9000(S)-MII, S2.LD10000(S)-MII) 2 x 34,3 A (S2.LQ12000(S)-MII, S2.LQ15000(S)-MII, S2.LQ17000(S)-MII, S2.LQ20000(S)-MII)
Rated grid voltage:	3/N/PE~, 230/400 V
Rated grid frequency:	50 Hz
Rated output power:	5000 W (S2.LD5000(S)-MII), 6000 W (S2.LD6000(S)-MII), 8000 W (S2.LD8000(S)-MII), 9000 W (S2.LD9000(S)-MII), 10000 W (S2.LD10000(S)-MII), 12000 W (S2.LQ12000(S)-MII), 15000 W (S2.LQ15000(S)-MII), 17000 W (S2.LQ17000(S)-MII), 20000 W (S2.LQ20000(S)-MII)
Max. AC output active power:	5500 W (S2.LD5000(S)-MII), 6600 W (S2.LD6000(S)-MII), 8800 W (S2.LD8000(S)-MII), 9900 W (S2.LD9000(S)-MII), 11000 W (S2.LD10000(S)-MII), 13200 W (S2.LQ12000(S)-MII), 16500 W (S2.LQ15000(S)-MII), 18700 W (S2.LQ17000(S)-MII), 22000 W (S2.LQ20000(S)-MII)
Max. AC output apparent power:	5500 VA (S2.LD5000(S)-MII), 6600 VA (S2.LD6000(S)-MII), 8800 VA (S2.LD8000(S)-MII), 9900 VA (S2.LD9000(S)-MII), 11000 VA (S2.LD10000(S)-MII), 13200 VA (S2.LQ12000(S)-MII), 16500 VA (S2.LQ15000(S)-MII), 18700 VA (S2.LQ17000(S)-MII), 22000 VA (S2.LQ20000(S)-MII)
Max. continuous output current:	7,9 A (S2.LD5000(S)-MII), 9,5 A (S2.LD6000(S)-MII), 12,7 A (S2.LD8000(S)-MII), 14,2 A (S2.LD9000(S)-MII), 15,9 A (S2.LD10000(S)-MII), 19,1 A (S2.LQ12000(S)-MII), 23,8 A (S2.LQ15000(S)-MII), 27 A (S2.LQ17000(S)-MII), 31,8 A (S2.LQ20000(S)-MII)
Adjustable displacement factor:	-0,8...1...+0,8
Operating temperature Range:	-25 °C...+60 °C
Ingress Protection:	IP65
Protective Class:	I
Overtoltage category:	II(PV), III(Mains)
Inverter topology:	Non-isolated

**Tested according to:**

EN 50549-1:2019/AC:2019