

Compliance Document

No. D 090313 0023 Rev. 00

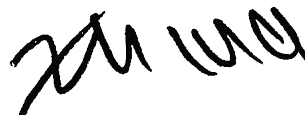
Holder of Certificate: **Autarco Group BV**
Torenallee 20
5617 BC Eindhoven
THE NETHERLANDS

Product: **Converter**
Hybrid 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.: 704092228708-00

Date, 2022-06-17



(Zhengdong Ma)

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Model(s):

S2.MH3000, S2.MH3600, S2.MH4600,
S2.MH5000, S2.MH3000-MII, S2.MH3600-MII,
S2.MH4600-MII, S2.MH5000-MII

Parameters:

Model	S2.MH3000	S2.MH3600	S2.MH4600	S2.MH5000
PV input parameters				
Max. input voltage	600 Vd.c.			
Max. input current	2*11 Ad.c.			
Isc PV (absolute maximum)	2*17.2 Ad.c.			
MPPT Voltage range	90-520 Vd.c.			
Battery				
Battery type	Li-ion/Lead-acid			
Battery voltage rang	42-58 Vd.c.			
Max. Charge/discharge current	62.5 A /62.5 Ad.c.		100 A /100 Ad.c.	
AC output parameters (Back-up)				
Rated output power	3000 W		5000 W	
Rated output voltage	230 Va.c.			
Rated output frequency	50 Hz			
Rated output current	13 Aa.c.		22 Aa.c.	
AC output parameters (Grid side)				
Rated output power	3000 W	3600 W	4600 W	5000 W
Max output apparent Power	3300 VA	4000 VA	4600 VA	5000 VA
Rated output voltage /frequency	230 Va.c./50 Hz			
Max output current	15.7 Aa.c.	17.3 Aa.c.	23 Aa.c.	21.7 Aa.c.
AC input parameters				
Rated voltage	230 Va.c.			
Rated current	26.1 Aa.c.			
Rated frequency	50 Hz			
Others				
Protection Class	I			
Ingress protection	IP65			
Ambient temperature	-25°C...+60°C			
Over Voltage Category	PV: II, Main: III			
General power factor	-0.8...+0.8			
Inverter Topology	Non-isolated			

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Model	S2.MH3000-MII	S2.MH3600-MII	S2.MH4600-MII	S2.MH5000-MII
PV input parameters				
Max. input voltage	600 Vd.c.			
Max. input current	2*15 Ad.c.			
Isc PV (absolute maximum)	2*22.5 Ad.c.			
MPPT Voltage range	90-520 Vd.c.			
Battery				
Battery type	Li-ion/Lead-acid			
Battery voltage rang	42-58 Vd.c.			
Max. Charge/discharge current	62.5 A/62.5 Ad.c.		100 A/100 Ad.c.	
AC output parameters (Back-up)				
Rated output power	3000 W		5000 W	
Rated output voltage	230 Va.c.			
Rated output frequency	50 Hz			
Rated output current	13.5 Aa.c.		22 Aa.c.	
AC output parameters (Grid side)				
Rated output power	3000 W	3600 W	4600 W	5000 W
Max output apparent Power	3300 VA	4000 VA	4600 VA	5000 VA
Rated output voltage	230 Va.c.			
Rated output frequency	50 Hz			
Max output current	15 Aa.c.	18.5 Aa.c.	21 Aa.c.	25 Aa.c.
AC input parameters				
Rated voltage	230 Va.c.			
Rated current	20.5 Aa.c.	25 Aa.c.	31.5 Aa.c.	34.5 Aa.c.
Rated frequency	50 Hz			
Others				
Protection Class	I			
Ingress protection	IP65			
Ambient temperature	-25°C...+60°C			
Over Voltage Category	PV: II, Main: III			
General power factor	-0.8...+0.8			
Inverter Topology	Non-isolated			

**Tested
according to:**

C10/11:2021