

Compliance Document

No. D 090313 0026 Rev. 00

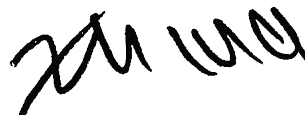
Holder of Certificate: **Autarco Group BV**
Torenallee 20
5617 BC Eindhoven
THE NETHERLANDS

Product: **PV inverter**
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.: 704092228709-00

Date, 2023-06-07



(Zhengdong Ma)

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Model(s): S2.MR3000

Parameters:

Model	S2.MR3000
Battery-input	
Battery type	Li-Ion / Lead-acid
Battery voltage range d.c.	40-60 V
Max. charge current d.c.	60 A
Max. discharge current d.c.	60 A
AC-output (Grid side)	
Rated output voltage a.c.	230 V
Rated frequency a.c.	50 Hz
Max. apparent output power a.c.	3000 VA
Max. output current a.c.	13 A
Displacement factor	-0.8...1...+0.8

Integrated protection system default settings

Parameters	Normative requirements		Internal threshold setting	
	Maximum clearance time	Trip limit	Maximum clearance time (factory setting)	Factory setting
Response to abnormal voltages	No delay	230 V + 15%	< 0.2s	264.5 V
	No delay	230 V - 20%	< 0.2s	184 V
Response to abnormal frequency	No delay	51.5 Hz	< 0.2s	51.5 Hz
	No delay	47.5 Hz	< 0.2s	47.5 Hz
Islanding protection	< 2s	Islanding detection according to IEC 62116	< 2 s	Islanding detection according to IEC 62116
Response to utility recovery	≥ 60	49.9 Hz – 50.1 Hz and 85% Un – 110% Un	60s	49.9 Hz – 50.1 Hz and 85% Un – 110% Un

Tested according to:

C10/11:2021