



Product Service

Compliance Document

No. D 126875 0005 Rev. 00

Holder of Certificate: **Atmoce Holding B.V.**Singel 250
1016 AB Amsterdam
THE NETHERLANDS**Product:** **PV inverter**
Microinverter**Model(s):** **MI-360, MI-380, MI-400, MI-425, MI-450, MI-500****Parameters:** See next pages.**Tested** G99/1-10:2024**according to:**

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.: 704092472009-00**Date,** 2025-01-02

(Zhengdong Ma)



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Parameters:

Model Name	MI-360	MI-380	MI-400
PV Input Parameters			
PV Max. Input Voltage	60 Vd.c.		
PV MPPT Range	16-60 Vd.c.		
Max. Input Continuous Current	16 Ad.c.		
Max. Input Short-circuit Current	20 Ad.c.		
A.C. Output Parameters			
Output Nominal Voltage	1/N 230 Va.c.		
Output Nominal Frequency	50 Hz		
Max. Output Continuous Power	360 W	380 W	400 W
Max. Output Continuous Current	1.65 Aa.c	1.73 Aa.c	1.83 Aa.c
Power Factor	0.8(leading)-0.8(lagging)		

Model Name	MI-425	MI-450	MI-500
PV Input Parameters			
PV Max. Input Voltage	60 Vd.c.		
PV MPPT Range	16-60 Vd.c.		
Max. Input Continuous Current	16 Ad.c.		
Max. Input Short-circuit Current	20 Ad.c.		
A.C. Output Parameters			
Output Nominal Voltage	1/N 230 Va.c.		
Output Nominal Frequency	50 Hz		
Max. Output Continuous Power	425 W	450 W	500 W
Max. Output Continuous Current	1.94 Aa.c	2.06 Aa.c.	2.28 Aa.c.
Power Factor	0.8(leading)-0.8(lagging)		

Protection settings (Manufacturer default settings)

Protection Function	Type A Power Generating Modules	
	Trip setting	Time Delay Setting
U/V	$V_{\phi-N} - 20\%$	2.5s
O/V st 1	$V_{\phi-N} + 14\%$	1.0s
O/V st 2	$V_{\phi-N} + 19\%$	0.5s
U/F st 1	47.5 Hz	20s
U/F st 2	47 Hz	0.5s
OF	52 Hz	0.5s
Loss of Mains (RoCoF)	1 Hzs ⁻¹ time delay 0.5 s	