



**BUREAU
VERITAS**

Certificate of compliance

Applicant: **Fronius International GmbH**
Günter Fronius Straße 1
4600 Wels
Austria

Product: **Photovoltaic (PV) inverter**

Model: **Fronius Symo Advanced 10.0-3-M**

Use in accordance with regulations:

The inverter is tested according to the IEC 61683:1999, EN 61683:2000, DIN EN 61683:2000 procedure for measuring efficiency.

Applied rules and standards:

IEC 61683:1999, EN 61683:2000, DIN EN 61683:2000

Photovoltaic systems – Power conditioners – Procedure for measuring efficiency

At the time of issue of this certificate, the representative product listed above corresponds to the stated rules and standards.

Report number: **21TH0549-IEC61683_0**

Certification program: **NSOP-0032-DEU-ZE-V01**

Certificate number: **U22-0524**

Date of issue: **2022-09-09**

Certification body

Alf Assenkamp
Alf ASSENKAMP



Certification body of Bureau Veritas Consumer Products Services Germany GmbH Accredited according to DIN EN ISO/IEC 17065

Testing laboratory accredited according to DIN EN ISO/IEC 17025

A partial representation of the certificate requires the written permission of Bureau Veritas Consumer Products Services Germany GmbH

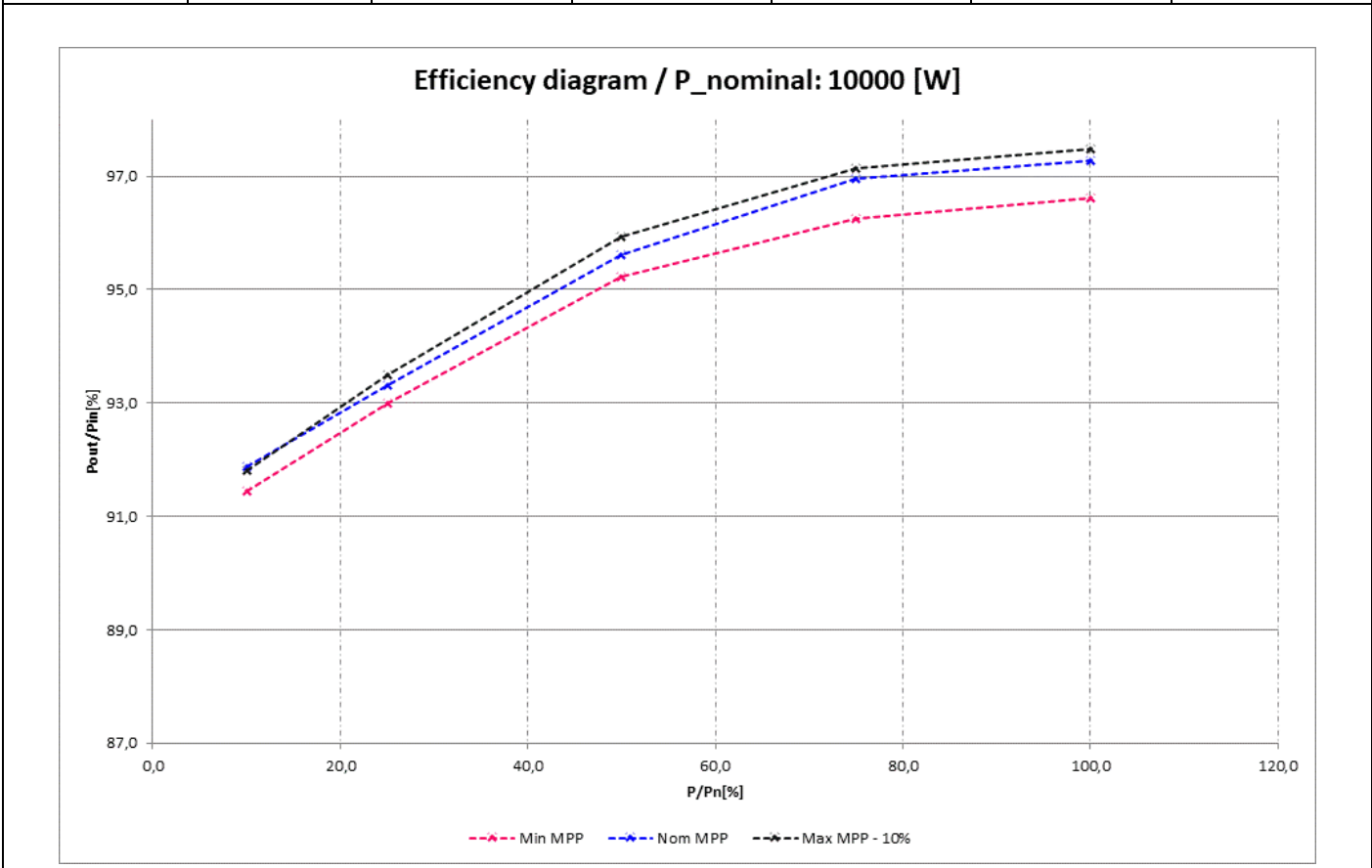


Appendix

Extract from test report according the IEC 61683 Nr. 21TH0549-IEC61683_0

Efficiency measurement conditions test results

Symo AV-10.0-3-M						
Input voltage [Vdc]		Power in [W] (nom. 10kW)				
		10%	25%	50%	75%	100%
		1000	2500	5000	7500	10000
		η in [%]				
V _{min}	330	91,5%	93,0%	95,2%	96,2%	96,6%
V _{nominal}	600	91,9%	93,3%	95,6%	97,0%	97,3%
V _{max (MPPT)}	800	91,8%	93,5%	95,9%	97,1%	97,5%



Note: