



**BUREAU  
VERITAS**

# Certificate of compliance

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

**Product:** Grid-tied photovoltaic inverter

**Model:** Fronius Symo Advanced 20.0-3-M  
Fronius Symo Advanced 17.5-3-M  
Fronius Symo Advanced 15.0-3-M  
Fronius Symo Advanced 12.5-3-M  
Fronius Symo Advanced 10.0-3-M

Ratings:	Fronius Symo Advanced 20.0-3-M	Fronius Symo Advanced 17.5-3-M	Fronius Symo Advanced 15.0-3-M	Fronius Symo Advanced 12.5-3-M	Fronius Symo Advanced 10.0-3-M
Input DC voltage range [V]:	200 – 1000	200 – 1000	200 – 1000	200 – 1000	200 – 1000
MPP DC voltage range [V]:	420 - 800	370 – 800	320 - 800	320 - 800	270 – 800
Input DC current [A]:	33,0 / 27,0	33,0 / 27,0	33,0 / 27,0	27,0 / 16,5	27,0 / 16,5
Output AC voltage [V]:	3~NPE 220 / 230	3~NPE 220 / 230	3~NPE 220 / 230	3~NPE 220 / 230	3~NPE 220 / 230
Output AC current [A]:	32,0	32,0	32,0	20,0	20,0
Initial short-current AC current $I_k$ [A]:	32,0	32,0	32,0	20,0	20,0
Output power [VA]:	20000	17500	15000	12500	10000

**The certificate refers to the stated model(s) which passed the tests according to the applicable standard(s):**

IEC 63027:2023

Photovoltaic power systems - DC arc detection and interruption

The safety concept of an aforementioned representative product corresponds at the time of issue of this certificate to the valid safety specifications for the specified use in accordance with the applied rules and standards.

**Report number:** 19TH0407-IEC63027\_0      **Certification Program:** NSOP-0032-DEU-ZE-V01  
**Certificate number:** U23-0490      **Date of issue:** 2023-06-13



Doménik Koll

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