



Product certificate number				No: 2613/0865/2/E5-CER			
Manufacturer	Fronius International GmbH Fronius Straße 5, A-4642 Sattledt, Austria						
Trademark	Fronius				s and		
Model	FRONIUS SYMO 10.0-3-M / FRO FRONIUS SYMO 15.0-3-M / FRO FRONIUS SYMO 20.0-3-M						
Type of generating unit	Static Power Converter						
Technical Data	Nominal Power	10 kW	12,5 kW	15 kW	17,5 kW	20 kW	
	Nominal Voltage		220-230 V				
	Nominal Frequency			50 Hz			
	Firmware version		RECERBO: V0.3.23.0 Power Stage: V1.2.11.1 Filter: V0.9.24.1				
	Number of phases		Three phase				
	Isolation Transformer		No				
Standard	UNE-EN 62109-1:2011 (IEC 62109-1:2010, EN 62109-1:2010), Safety of power converters for use in photovoltaic power systems. Part 1: General requirements. IEC 62109-2:2011 (EN 62109-2:2011), Safety of power converters for use in photovoltaic power systems. Part 2: Particular requirements for inverters.						

The above-mentioned generating unit is certified according the SGS internal procedure PE.T-ECPE-16 and PE.T-ECPE-17 based on the requirements of the UNE-EN ISO / IEC 17065.

This certificate cancels and supersedes certificate number 2613/0865/2/E4-CER.

This certificate is valid until: 17th of January 2020

This certificate is valid until: 06th of February of 2023. First issued on 06th of February of 2014.

Madrid, 03rd of February 2020

Daniel Arranz Muñiz Certification Manager



SGS Tecnos, S.A. C/ Trespaderne, 29 - 28042 Madrid This certificate is issued by SGS under its General Conditions for Product Certification at <u>www.sgs.com/terms_and_conditions</u>. The status and validity of the certificate can be checked scanning the QR code above included or through the following web link database: <u>https://www.sgs.com/en/certified-clients-and-products/electrical-products</u> This document cannot be reproduced partially

SGS

2613/0865/2/E5-CER Page 1 of 1