





1/2 Ref. TRIO-8.5(7.5)(5.8)-TL-OUTD-(S)-400 (Fimer_VDE-AR-N 4105 Form E4_EN)

VDE-AR-N 4105:2018-11 Certificate of conformity for generators connected to the low-voltage distribution network		
Manufacturer	Fimer S.p.A. Via Tortona, 25 20144 Milano (MI) – Italy	
Type of power generation unit	Grid Tied Solar Inverter	
Assessment values	Max. active power P_{Emax}	See Table 1
	Max. apparent power S_{Emax}	See Table 1
	Rated voltage	See Table 1
Rated values	Rated current (AC) I_r	See Table 1
Rated values	Initial short-circuit AC current	See Table 1
Network connection rule	VDE-AR-N 4105:2018-11 “Generators connected to the low-voltage distribution network” Technical requirements for connection to and parallel operation with low-voltage distribution network	
The power generation units listed in Table 1 meets the requirements of VDE-AR-N 4105:2018-11.		
- All requirements of VDE-AR-N 4105:2018-11 are fulfilled and have been confirmed via type tests conducted in Fimer S.p.A. - The conformity is ensured for all products with model name and firmware version as listed in Table 1.		
Terranuova Bracciolini, 19 January 2021 <div style="display: flex; justify-content: space-around;"> <div style="text-align: center;">  Alessandro Rossi (Testing & Laboratory Manager) </div> <div style="text-align: center;">  Paolo Casini (Chief Technical Officer) </div> </div>		
This certificate of conformity of two pages shall not be used in parts. <div style="text-align: center;"> Fimer S.p.A. Via Tortona, 25 – 20144 Milano (MI) – Italy </div>		

FIMER S.p.A.

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 Manufacturing Unit: Via San Giorgio 642 – 52028 Terranuova B.ni (AR) – Italy
 Registered Office: Via Tortona 25 – 20144 Milano – Italy
 C.C.I.A.A. Milano/ C.F.09286180154 – REA MI – 2609050
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Inverter models	Maximum active power P_{Emax}	Maximum apparent power S_{Emax}	AC rated voltage	Rated current (AC) I_r	Initial short-circuit AC current	Fulfil VDE-AR-N 4105:2018-11 requirements from firmware version
TRIO-8.5-TL-OUTD-(S)-400	8500 W	8500 VA	400 V	14,5 A	14,5 A	Not less than 1930F Standard selection: GERMANY (VDE 4105:2018-11)
TRIO-7.5-TL-OUTD-(S)-400	7500 W	7500 VA	400 V	12,5 A	12,5 A	Not less than 1930F Standard selection: GERMANY (VDE 4105:2018-11)
TRIO-5.8-TL-OUTD-(S)-400	5800 W	5800 VA	400 V	10 A	10 A	Not less than 1930F Standard selection: GERMANY (VDE 4105:2018-11)

TABLE 1. Fimer S.p.A. Grid Tied Solar Inverter in compliance with VDE-AR-N 4105:2018-11

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