





1/2 Ref. PVS-100-TL (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.		
<ul style="list-style-type: none"> - 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, 18 January 2021		
 Alessandro Rossi (Testing & Laboratory Manager)		 Paolo Casini (Chief Technical Officer)
This certificate of conformity of two pages shall not be used in parts.		
Fimer S.p.A. Via Tortona, 25, 20144 Milano (MI) – Italy		

FIMER S.p.A.

HQ & Manufacturing Unit: Via J.F. Kennedy – 20871 Vimercate (MB) – Italy
 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
 VAT 01574720510 – Cap. Soc. € 22.000.000,00 i.v

T +39 039 98.98.1
 T +39 055 91.95.1
www.fimer.com



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
PVS-100-TL	100000 W	100000 KA	400 V	145 A	145 A	Not less than 1920B Standard selection: GERMANY (VDE 4105:2018-11)

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

FIMER S.p.A.

HQ & Manufacturing Unit: Via J.F. Kennedy – 20871 Vimercate (MB) – Italy T +39 039 98.98.1
 Manufacturing Unit: Via San Giorgio 642 – 52028 Terranuova B.ni (AR) – Italy T +39 055 91.95.1
 Registered Office: Via Tortona 25 – 20144 Milano – Italy www.fimer.com
 C.C.I.A.A. Milano/ C.F.09286180154 – REA MI – 2609050
 VAT 01574720510 – Cap. Soc. € 22.000.000,00 i.v.