



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

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
UNO-DM-5.0-TL-PLUS-XYK-JVN-DIP	5,0 kW	5,0 kA	230 V	22 A	24 A	Not less than 1924A Standard selection: GERMANY (VDE 4105:2018-11)
UNO-DM-4.6-TL-PLUS-XYK-JVN-DIP	4,6 kW	4,6 kA	230 V	20 A	22 A	Not less than 1924A Standard selection: GERMANY (VDE 4105:2018-11)
UNO-DM-4.0-TL-PLUS-XYK-JVN-DIP	4,0 kW	4,0 kA	230 V	17,2 A	19 A	Not less than 1924A Standard selection: GERMANY (VDE 4105:2018-11)
UNO-DM-3.3-TL-PLUS-XYK-JVN-DIP	3,3 kW	3,3 kA	230 V	14,5 A	16 A	Not less than 1924A Standard selection: GERMANY (VDE 4105:2018-11)
UNO-DM-2.0-TL-PLUS-XYK-JVN-DIP	2,0 kW	2,0 kA	230 V	10 A	12 A	Not less than 1924A Standard selection: GERMANY (VDE 4105:2018-11)
UNO-DM-1.2-TL-PLUS-XYK-JVN-DIP	1,2 kW	1,2 kA	230 V	5,5 A	10 A	Not less than 1924A 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

FIMER S.p.A.

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