

Certificate of Conformity

Product Certificate Number	21053-CER-E2	
Applicant	FIMER S.p.A. Via Tortona 25, 20144, Milano, Italy	
Series	PVS	
Models/	PVS-10-TL-SX PVS-10-TL-SY PVS-12.5-TL-SX	PVS-12.5-TL-SY PVS-15-TL-SX PVS-15-TL-SY
Type of generating unit	Three-Phase Solar Inverter	
Technical Data	See page 2.	
Software version	2121A 2124D	
Network connection code	COMMISSION REGULATION (EU) 2016/631 of 14 April 2016 establishing a network code on requirements for grid connection of generators. Types A and B.	
<p>Having assessed the report number: 21053-TR performed by CERE (Accredited Laboratory N° 5314.01) based on the requirements of the EN ISO/IEC 17025: 2017.</p> <p>The above-mentioned generating unit complies with the requirements of the:</p> <p>COMMISSION REGULATION (EU) 2016/631 of 14 April 2016 establishing a network code on requirements for grid connection of generators. Types A and B. (Parameters are defined into: DRE.WOSE.7128.550.2.2018.ZJ: 01/2019. and Warunki i procedury wykorzystania certyfikatów w procesie przyłączenia modułów wytwarzania energii do sieci elektroenergetycznych. Version 1.2. PTPiREE. 28.04.2021)</p> <p>This certification is according to the CERE internal process PET-CERE-30 Rev 1, that defines the certification scheme, based on the requirements of the EN ISO/IEC 17065:2012. For this certification process the conformity assessment activities were based on:</p> <ul style="list-style-type: none"> • Testing of production samples selected by CERE. • Audit of quality system according to ISO 9001 with certificate number: C2021-02571-T issued by a certification body accredited according to EN ISO/IEC 17021. • Inspection of the manufacturing process. <p>This certificate cancels and supersedes the certificate number 21053-CER-E1 issued on November 15, 2021.</p>		
<p>Madrid, December 01, 2021. This certificate is valid until October 10, 2026</p> <p style="text-align: right;">Miguel Martínez Lavin Certification Manager</p>		

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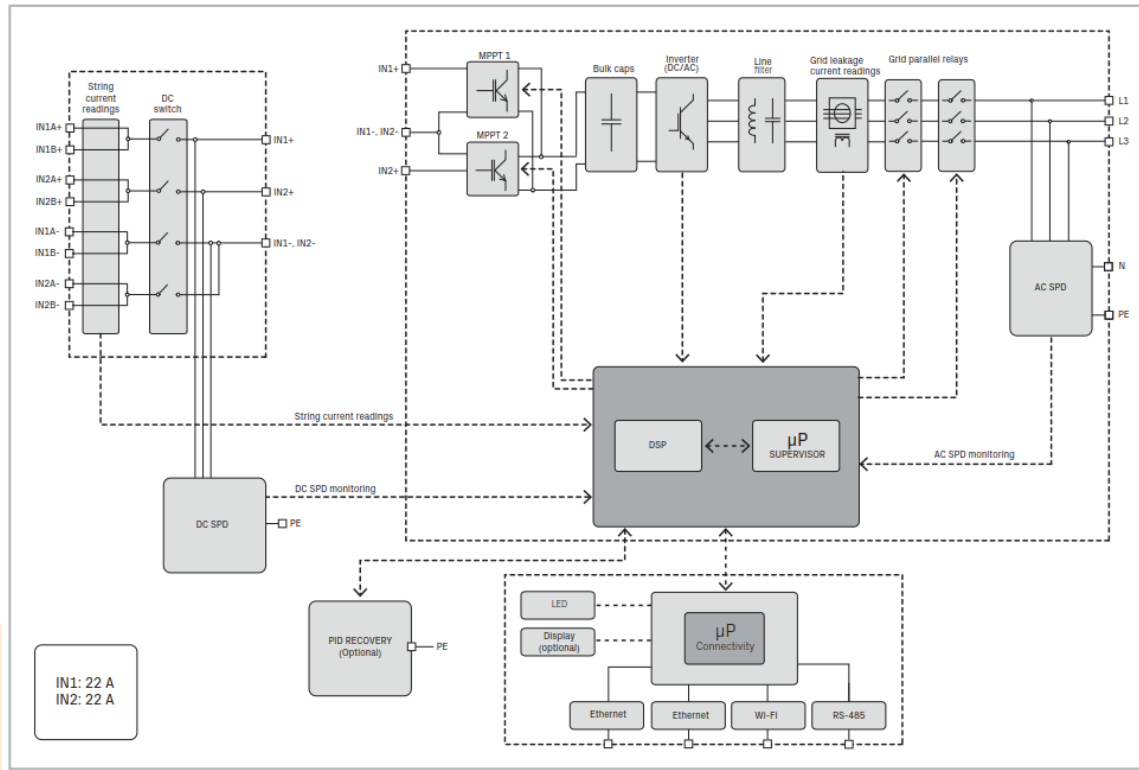
Technical data

Model	PVS-10-TL-SX PVS-10-TL-SY	PVS-12.5-TL-SX PVS-12.5-TL-SY	PVS-15-TL-SX PVS-15-TL-SY
Input side (DC side)			
Absolute maximum voltage	1100 V		
Start-up voltage	250...500V (default 360V)		
Operating voltage range	200-1000 V		
Rated input	620V		
Rated power	10200 W	12760 W	15300 W
No. Of independent MPPT	2		
Maximum power for each MPPT	14500 Wp	18125 Wp	21750 Wp
Maximum current for each MPPT	2x17A	2x18A	2x22A
Maximum short circuit current	30 A		
Output side (AC side)			
Connection type	Three phase 3W+PE or 4W+PE		
Rated power	10000 W	12500 W	15000 W
Maximum output power	10000 W	12500 W	15000 W
Maximum apparent power	10000 VA	12500 VA	15000 VA
Rated voltage	380V/ 400V		
Maximum current for each MPPT	16 A	20 A	23 A
Rated frequency	50 Hz / 60 Hz		
Environmental			
Operating ambient temperature range	-25 to +60°C with derating above 45°C		
Relative humidity	4% - 100% condensing		
Environmental protection rating	IP 65		
Cooling	Natural cooling		
Dimension (H x W x D)	565,7 x 469,8 x 207 mm		

- SX models: 4 inputs with PV quick fit connectors + SPD Type 2 on the DC and AC side.
- SY models: 4 inputs with PV quick fit connectors + SPD Type 1+2 on the DC side and Type 2 on the AC side.

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Electrical Diagram of PVS series



The sample selected to test was representative of the production.
The sample was selected in:

FIMER S.p.A.
Via San Giorgio 642
52028, Terranuova Bracciolini, Italy

Sample Report Number:

21053-TM

The inspection of manufacturing process was performed in:
On July 08, 2021

FIMER S.p.A.
Via San Giorgio 642
52028, Terranuova Bracciolini, Italy

Inspection Report Number:

20948-21-1-IF

RECORD OF CHANGES

Revision	Modification / Changes	Date
0	Initial version	10/10/2021
1	Certificate update due to new format	15/11/2021
2	Editorial changes	01/12/2021