

Product Certificate Number	21100-2-CER	
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	
Grid connection code	AMBIENTE E AÇÃO CLIMÁTICA Portaria nº73/2020 de 16 de março. Requisitos não exaustivos para ligação dos módulos geradores à Rede Elétrica de Serviço Público (RESP).	

Having assessed the report number: 21100-2-TR performed by CERE (Accredited Laboratory N° 5314.01) based on the requirements of the EN ISO/IEC 17025: 2017.

The above-mentioned generating unit complies with the requirements of the:

AMBIENTE E AÇÃO CLIMÁTICA Portaria nº73/2020 de 16 de março. Requisitos não exaustivos para ligação dos módulos geradores à Rede Elétrica de Serviço Público (RESP).

This certification is according the CERE internal process PET-CERE-09 Rev 31 based on the requirements of the EN ISO/IEC 17065:2012. For this certification process the conformity assessment activities were based on:

- Testing of production samples selected by CERE.
- Audit of quality system according ISO 9001 with certificate number: C2021-02571-T issued by a certification body accredited according EN ISO/IEC 17021.
- Inspection of the manufacturing process.

Madrid, November 23, 2021. This certificate is valid until November 23, 2026

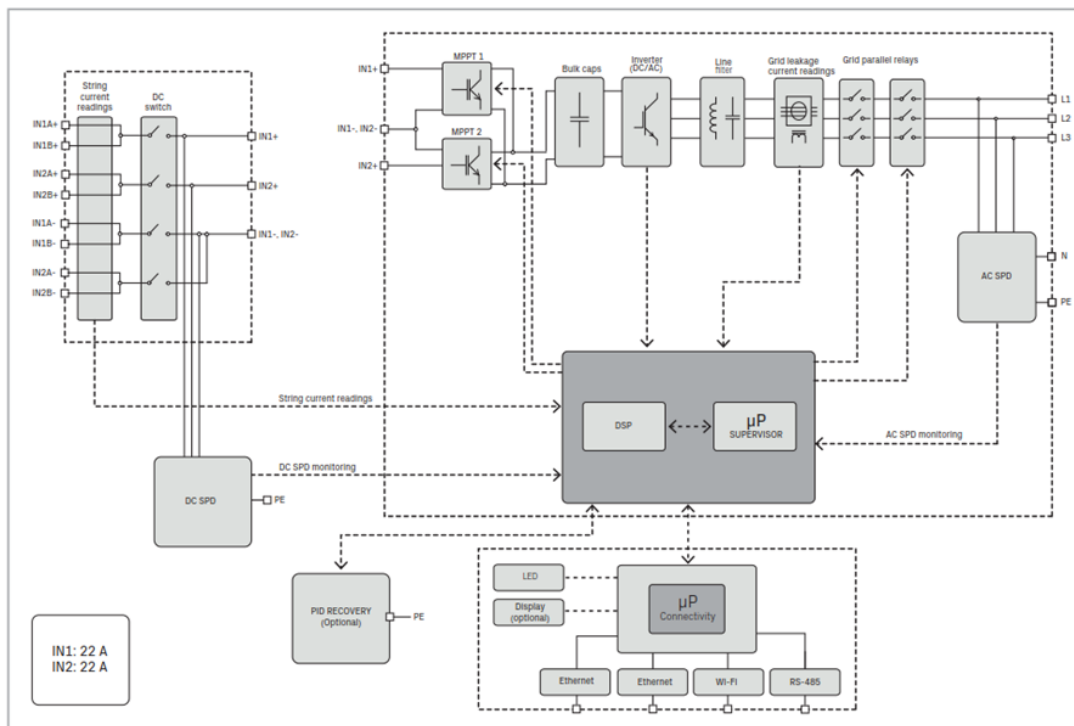
Miguel Martínez Lavin
Certification Manager

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.

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:

21100-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	23/11/2021