

Certificate



Certificate no.

CU 72228023 01

License Holder:

FIMER S.p.A.
VIA TORTONA 25
20144 MILAN MI
Italia

Manufacturing Plant:

Fimer S.p.A.
Via San Giorgio 642
52028 TERRANUOVA AR
Italia

Test report no.: USA-HV 31982722 006

Client Reference: Nicola Gai

Tested to: UL 1741:2010 R2.18
UL 1699B:2018
CSA C22.2 No. 107.1-16
CSA M-07:2013
UL 62109-1:2014
CAN/CSA-C22.2 No. 62109-1:16

Certified Product: Solar Grid Support Utility Interactive Inverter **License Fee - Units**

Model Designation:

Inverter Power Module:

- 1) PVS-166-TL-POWER-MODULE-1-US;
- 2) PVS-166-TL-POWER-MODULE-2-US;
- 3) PVS-175-TL-POWER-MODULE-1-US;
- 4) PVS-175-TL-POWER-MODULE-2-US;

Wire Box:

- 5) WB-SX-PVS-166-TL-US; 6) WB-SX2-PVS-166-TL-US;
- 7) WB-SX-PVS-175-TL-US; 8) WB-SX2-PVS-175-TL-US;

contd.

Appendix: 1, 1-13

Licensed Test mark:



Date of Issue

(day/mo/yr)

10/11/2022

Certificate



Certificate no.

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Certified Product: Solar Grid Support Utility Interactive Inverter **License Fee - Units**

contd.
Rated Voltage: DC 1500V max.
Rated Current: 12x 22A max.
Protection Class: I
Rated Operating Ambient Temperature: -25°C to 60°C
Enclosure Type: NEMA 4X
Output Ratings: 3 AC 800V Y/462V, 60Hz; 134Arms max.,
1), 2), 5), 6) 166.5kW at 40°C Ambient Temp.
3), 4), 7), 8) 185kW at 30°C Ambient Temp./
175kW at 40°C Ambient Temp.
Special Remarks: Replaces Certificate CU72228023, page 2
dated 11/10/2022. contd.

Licensed Test mark:



Date of Issue
(day/mo/yr)
28/03/2023

Certificate



Certificate no.

CU 72228023 03

License Holder:

FIMER S.p.A.
VIA TORTONA 25
20144 MILAN MI
Italia

Manufacturing Plant:

Fimer S.p.A.
Via San Giorgio 642
52028 TERRANUOVA AR
Italia

Test report no.: USA-HV 31982722 006

Client Reference: Nicola Gai

Tested to: UL 1741:2010 R2.18
UL 1699B:2018
CSA C22.2 No. 107.1-16
CSA M-07:2013
UL 62109-1:2014
CAN/CSA-C22.2 No. 62109-1:16

Certified Product: Solar Grid Support Utility Interactive Inverter **License Fee - Units**

contd.

Also evaluated to:

- UL 1741 Supplement SA for Grid Support Functions, dated September 07, 2016
- UL 1741 CRD: Supplement SA sections SA17 and SA18, Grid Support utility interactive interoperability optional functions: Prevent enter service and limit active power (CA Rule 21, Phase 3, functions 2 and 3), dated October 22, 2019
- IEEE 1547: 2003 (R2008), IEEE 1547.1:2005

contd.

Licensed Test mark:



Date of Issue

(day/mo/yr)

10/11/2022

Certificate



Certificate no.

CU 72228023 04

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Certified Product: Solar Grid Support Utility Interactive Inverter **License Fee - Units**

contd.

- California Rule 21, Decision No. 16-06-052, CPUC Resolution E-5000, E-5036
- Hawaii Rule 14 Docket No. 2014-0192, SRD-UL-1741-SA-V1.1. dated September 26, 2017

To be installed according to the licensee's installation instructions.

The inverter power modules are to be used with one of the wiring boxes.

Special Remarks: Replaces Certificate CU72225274.

Licensed Test mark:



Date of Issue

(day/mo/yr)

10/11/2022