

# Certificate



Certificate no.

CU 72211264 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 31682396 014

**Client Reference:** Robert White

**Tested to:** UL 1741:2010 R2.18  
UL 1699B:2018  
CSA C22.2 No. 107.1-16  
CSA M-07:2013

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

**Model Designation:**

- 1) UNO-DM-3.3-TL-PLUS-US-XYZ-ABC-DE-F;
  - 2) UNO-DM-3.8-TL-PLUS-US-XYZ-ABC-DE-F;
  - 3) UNO-DM-4.6-TL-PLUS-US-XYZ-ABC-DE-F;
  - 4) UNO-DM-5.0-TL-PLUS-US-XYZ-ABC-DE-F
- (X: blank, S; Y = blank, B, E, Z; Z = blank, M;  
A = blank, X; B = blank, R; C = blank, A;  
D = blank, Q; E = blank, U; F = blank, AP, TI)

Rated Voltage: DC 600V max.

contd.

Appendix: 1, 1-24

**Licensed Test mark:**

**Date of Issue**

**(day/mo/yr)**

19/01/2022



# Certificate



Certificate no.

CU 72211264 02

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

contd.

Rated Current: 1) 10A max. per channel (2 channels)  
2)-3) 16A max. per channel (2 channels)  
4) 19A max. per channel (2 channels)

Protection Class: I

Rated Operating Ambient Temperature: -25°C to +60°C

Enclosure Type: 4X

Output Ratings: AC 240/208V, 60Hz

- 1) 14.5Arms; 3300W max. at 50°C amb. temp.;
- 2) 16Arms; 4200W max. at 50°C amb. temp.;
- 3) 16Arms; 4600W max. at 40°C amb. temp.;
- 4) 22Arms; 5000W max. at 45°C amb. temp.;

contd.

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(day/mo/yr)

19/01/2022

# Certificate



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CU 72211264 03

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Italia

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CSA C22.2 No. 107.1-16  
CSA M-07:2013

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

contd.

Special Remarks: Also evaluated to  
- UL 1741 CRD: Non-Isolated EPS Interactive PV Inverters Rated Less Than 30kVA, dated April 02, 2015  
- 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,

contd.

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

**Special Remarks:** (contd.)

- IEEE 1547:2003, IEEE 1547.1:2005,  
- California Rule 21, CPUC Resolution E-5000, E-5036  
- Hawaii-HECO, SRD-UL-1741-SA-V1.1, dated September 26, 2017  
For Interconnecting Distributed Resources with Electric Power Systems. To be installed according to the licensee's installation instructions. Replaces Certificate CU72201941.

**Licensed Test mark:**

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**(day/mo/yr)**

19/01/2022

