

Certificate



Certificate no.

CU 72190451 01

License Holder:

Power-One Renewable Energy Solution
4050 E Cotton Center Blvd., Bldg. 3
Phoenix AZ 85040
USA

Manufacturing Plant:

Power-One Italy S.P.A.
Via San Giorgio 642
Terranuova Bracciolini
52028 (AR)
Italy

Test report no.: USA- 31682396 010

Client Reference: Robert White

Tested to: UL 1741:2010 R9.16
Subject 1699B No. 2 (01-14-2013)
C22.2 NO. 107.1-01 (R2011)
CSA M-07:2013

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

Model Designation:

- 1) UNO-DM-3.3-TL-PLUS-US-XYZ-ABC,
- 2) UNO-DM-3.8-TL-PLUS-US-XYZ-ABC,
- 3) UNO-DM-4.6-TL-PLUS-US-XYZ-ABC,
- 4) UNO-DM-5.0-TL-PLUS-US-XYZ-ABC

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(X = S, blank; Y = B, Z, E, blank; Z = blank, M;

A = X, blank; B = R, blank; C = A, blank) (Trademark ABB)

Rated Voltage: DC 600V max.

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

contd.

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Appendix: 1, 1-21

Licensed Test mark:



Date of Issue

(day/mo/yr)

14/02/2019

Certificate



Certificate no.

CU 72190451 02

License Holder:

Power-One Renewable Energy Solution
4050 E Cotton Center Blvd., Bldg. 3
Phoenix AZ 85040
USA

Manufacturing Plant:

Power-One Italy S.P.A.
Via San Giorgio 642
Terranuova Bracciolini
52028 (AR)
Italy

Test report no.: USA- 31682396 010

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Subject 1699B No. 2 (01-14-2013)
C22.2 NO. 107.1-01 (R2011)
CSA M-07:2013

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

contd.

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

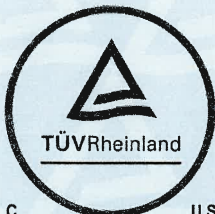
Enclosure Type: 4X

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.

Licensed Test mark:



Date of Issue

(day/mo/yr)

14/02/2019

Certificate



Certificate no.

CU 72190451 03

License Holder:

Power-One Renewable Energy Solution
4050 E Cotton Center Blvd., Bldg. 3
Phoenix AZ 85040
USA

Manufacturing Plant:

Power-One Italy S.P.A.
Via San Giorgio 642
Terranuova Bracciolini
52028 (AR)
Italy

Test report no.: USA- 31682396 010

Client Reference: Robert White

Tested to: UL 1741:2010 R9.16
Subject 1699B No. 2 (01-14-2013)
C22.2 NO. 107.1-01 (R2011)
CSA M-07:2013

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

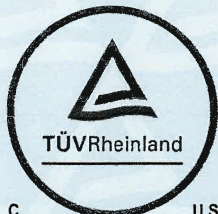
contd.

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,
- IEEE 1547, IEEE 1547.1,
- California Rule 21, Decision No. 16-06-052,
- Hawaii-HECO, Docket No. 2014-0192.

For Interconnecting Distributed Resources with Electric
Power Systems. To be installed according to the licensee's
installation instructions. Replaces Certificate CU72170420.

Licensed Test mark:



Date of Issue

(day/mo/yr)

14/02/2019

Certificate



Certificate no.

CU 72190451 04

License Holder:

Power-One Renewable Energy
Solutions LLC
4050 E Cotton Center Blvd., Bldg. 3
Phoenix AZ 85040
USA

Manufacturing Plant:

Power-One Italy S.P.A.
Via San Giorgio 642
Terranuova Bracciolini
52028 (AR)
Italy

Test report no.: USA- 31682396 011

Client Reference: Robert White

Tested to: UL 1741:2010 R9.16
Subject 1699B No. 2 (01-14-2013)
C22.2 NO. 107.1-01 (R2011)
CSA M-07:2013

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

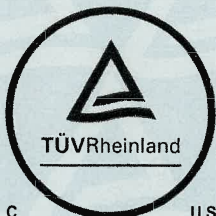
Addition:

Model Designation:

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

Appendix: 1, 1-22

Licensed Test mark:



Date of Issue
(day/mo/yr)
21/05/2019