

# Certificate



Certificate no.

CU 72170463 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- 31681827 003

**Client Reference:** Robert White

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

**Certified Product:** Grid Support Utility Interactive Inverter

**License Fee - Units**

**Model Designation:** 1) TRIO-27.6-TL-OUTD-x-US-480,  
2) TRIO-27.6-TL-OUTD-x-US-480-A,  
3) TRIO-27.6-TL-OUTD-US-480-W,  
4) TRIO-20.0-TL-OUTD-x-US-480,  
5) TRIO-20.0-TL-OUTD-x-US-480-A,  
6) TRIO-20.0-TL-OUTD-US-480-W  
(x = S, S1, S1A, S1B)  
(Trademark ABB)

7

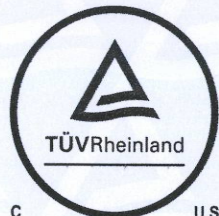
**Rated Voltage:** 1), 2), 4), 5) DC 200-950V; 3), 6) DC 190-950V

**Rated Current:** 1), 2) 30.9A (per input, 2 provided)  
3) 61.8A; 4), 5) 25A (per input, 2 provided)  
6) 50A contd.

7

**Appendix:** 1, 1-32

**Licensed Test mark:**



**Date of Issue**

(day/mo/yr)

24/02/2017

# Certificate



Certificate no.

CU 72170463 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- 31681827 003

**Client Reference:** Robert White

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

**Certified Product:** Grid Support Utility Interactive Inverter

**License Fee - Units**

contd.

Rated Operating Ambient Temperature: 60°C max.

Enclosure Type: 4X

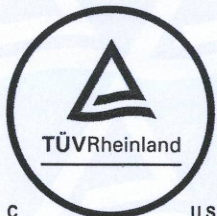
Output Ratings: AC 480V, 60Hz

1)-3) 36A, 27600W max.

4)-6) 27A, 20000W max.

contd.

**Licensed Test mark:**



**Date of Issue**

**(day/mo/yr)**

24/02/2017

# Certificate



Certificate no.

CU 72170463 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- 31681827 003

**Client Reference:** Robert White

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

**Certified Product:** Grid Support Utility Interactive Inverter

**License Fee - Units**

contd.

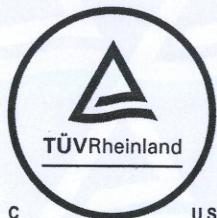
Special Remarks:

Also evaluated to

- UL 1741 Supplement SA for grid support functions, dated September 7, 2016.
- IEEE 1547, IEEE 1547.1,
- California Rule 21, and
- Hawaii - HECO

contd.

**Licensed Test mark:**



**Date of Issue**

(day/mo/yr)

24/02/2017

# Certificate



Certificate no.

CU 72170463 04

**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- 31681827 003

**Client Reference:** Robert White

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

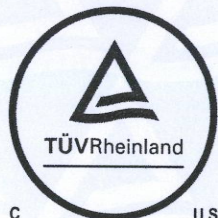
**Certified Product:** Grid Support Utility Interactive Inverter

**License Fee - Units**

contd. (Special Remarks:)

for Interconnecting Distributed Resources with  
Electric Power Systems.  
To be installed according to the licensee's installation  
instructions.  
Replaces Certificate CU72161428.

**Licensed Test mark:**



**Date of Issue**

(day/mo/yr)

24/02/2017