



November 11, 2016

Peter Abou Chacra
Everest Solar Systems
3809 Ocean Ranch Blvd
Oceanside, CA, 92056, US

Our Reference: File E467724
Subject: Certificate of Conformance - UL2703, First edition

Dear Mr. Abou Chacra:

This letter indicates that the items listed below were successfully tested for bonding only under UL2703

The following systems and their respective components were evaluated:

- M215 & M250 Enphase Micro Inverter Back plates were evaluated for use with CrossRail 48, 48S, and XPressRail with the following hardware:
M8 Socket head/Allen Bolt 304 stainless steel
8M 304 stainless steel lock washer
M8 304 stainless steel flat washer
Enphase micro inverter
R/C WEEB KMC (QIMS2, E351343)
MK3 Slot Nut
- P300 SolarEdge Optimizer Back plate was evaluated in for use with CrossRail 48, 48S, and XPressRail with the following hardware:
M8 Socket head/Allen Bolt 304 stainless steel
8M 304 stainless steel lock washer, M8 304 stainless steel flat washer
SolarEdge Optimzer
R/C WEEB KMC (QIMS2, E351343)
MK3 Slot Nut

Components were evaluated for a Max Fuse Rating of 20A.

The following tests were conducted.

Bonding Path Resistance Test - As Received
Temperature Cycling Test
Bonding Path Resistance Test - Following The Temperature Cycling Test
Humidity Test
Bonding Path Resistance Test - Following The Humidity Test
Bonding Conductor Test: General
Bonding Path Resistance Test - Following The Bonding Conductor Test

The following conditions apply to the M215 & M250 micro-inverter:

1. Applications utilizing M250/M215 micro-inverters must use a minimum of 2 inverters for any installation that relies on grounding through the wiring harness/trunk cable. Connected inverters must always be mounted to the same mounting structure and connected to the same ground wire.
2. The M250/M215 micro-inverters must be used with a maximum 20 A Branch rated OCPD.
3. Installation instructions for the end product shall indicate that the M250/M215 micro-inverters should not be serviced or removed from their mounting frames until the AC and DC have both been disconnected.
4. Installation instructions for the end product shall indicate that when AC and DC are connected, two modules should always be connected and mounted to ensure an acceptable ground path.

The test methods and results of the above tests have been reviewed and found in accordance with the requirements in UL 2703, Standard for Mounting Systems, Mounting Devices, Clamping/Retention Devices, and Ground Lugs for use with Flat-Plate Photovoltaic Modules and Panels, Edition 1, Issued January 28, 2015.

Sincerely,

Yazeed Zureikat
Project Engineer

Reviewed by:

Nathan Wang
Senior Project Engineer

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