

Attn: Katy Hartman
Vice President of Research and Development
Tessolar Inc.
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Letter of Conformance - ANSI/UL 2703

Type of Equipment:	PV Mounting System
Model Designation:	Tesseract™ Z
Serial Number:	N/A
Test Requirement:	ANSI/UL 2703
SolarPTL File Number:	L1-TSS180327
SolarPTL Project Number:	TSS180327

Dear Katy,

SolarPTL has completed the evaluation and testing required for qualifying the **Tessolar Inc. Tesseract™ Z** PV mounting system, according to all applicable requirements of **ANSI/UL 2703**. It is our assessment that the **Tesseract™ Z** has met all applicable requirements of this standard when used with the PV modules identified in Table 1 of this letter, including the attainment of a Class B Fire Rating.

Additionally, the polymeric material, utilized for mechanical components in this design, was evaluated in this test program and has met the Ultraviolet Light Exposure and Water Exposure and Immersion requirements of ANSI/UL 2703, Section 7.

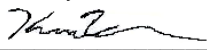
Table 1: Modules Qualified for use with Tesseract™ Z				
Module Manufacturer	Model Type	Downward Pressure Test Load (psf/Pa)	Upward Pressure Test Load (psf/Pa)	Down-slope Test Load (psf/Pa)
Q Cells	Q.PLUS BFR-G4.1 XXX, and /TAA, /MAX models	75.2 / 3600	37.6 / 1800	7.5 / 360
	Q.PRO BFR-G4 XXX	75.2 / 3600	37.6 / 1800	7.5 / 360
	Q.PRO BFR-G4.1 XXX	75.2 / 3600	37.6 / 1800	7.5 / 360
	Q.PRO BFR-G4.3 XXX	75.2 / 3600	37.6 / 1800	7.5 / 360
	Q.PEAK-G4.1 XXX, and BLK, /TAA, /MAX models	75.2 / 3600	37.6 / 1800	7.5 / 360
	Q.PRO G4 XXX	75.2 / 3600	37.6 / 1800	7.5 / 360
	Q.PLUS G4 XXX	75.2 / 3600	37.6 / 1800	7.5 / 360
	B.LINE PLUS BFR G4.1 XXX	75.2 / 3600	37.6 / 1800	7.5 / 360
	B.LINE PRO BFR G4.1 XXX	75.2 / 3600	37.6 / 1800	7.5 / 360
Q.PRO EC-G4.4 XXX	75.2 / 3600	37.6 / 1800	7.5 / 360	

Note that the **Applied Test Load** exceeds the minimum test loading required for UL 2703 compliance. **Design Load Ratings** in each direction are determined by calculating a safety factor, where: **DesignLoadRating = AppliedTestLoad/1.5**. Thus the **Design Load Ratings** for the modules would be **50.1 psf, 25.1 psf and 5.0 psf** respectively.

Results of the referenced evaluation/testing are documented in test report 31840007.001 with the description of the critical system components detailed in CDF_31840007.001. The pending certification will cover all component details for the system as assembled per the **Tessolar Commercial Mounting – Tesseract™ Z Installation Manual**.

The Tessolar Inc. **Tesseract™ Z** PV mounting system has met the construction and performance requirements for certification under ANSI/UL 2703. This letter may be used to indicate conformance to all applicable requirements of ANSI/UL 2703 while the certification is under review. This interim approval also provides authority to mark at relevant production locations.

Sincerely,



Kamerine Kroner
Solar Components Test Engineer