

**Business Stream Products**  
 Renewable and Solar Technology

 Attn: Mr. Rob D'Anastasio  
 Test Engineer  
 Ecolibrium Solar  
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 June 27, 2018

**Letter of Completion – Bonding Tests**

 Type of Equipment: PV Mounting System  
 Model Designation: EcoX2, EcoX Universal  
 Serial Number: N/A  
 Test Requirement: ANSI/UL 2703: First Edition  
 TÜV Rheinland File Number: L1-ELS150128a  
 TÜV Rheinland Project Number: ELS150128a

Dear Mr. D'Anastasio,

 The **Ecolibrium Solar EcoX2 PV mounting system** has successfully met Bonding requirements of UL 2703, when used with the **PV modules** indicated in the table below.

Congratulations on this achievement.

The following modules have been evaluated and qualified for use on the EcoX2 and EcoX Universal racking system with respect to Bonding.

Manufacturer	Module Type/Series	Manufacturer	Module Type/Series
Yingli Solar	YGE 60 (YL2XXP-29B)	Hyundai	HiS-XXXXRG (60 cell)
Yingli Solar	Panda 60 (YL2XXC-30b)	Hyundai	HiS-XXXXMG (60-cell)
Trina Solar	TSM-PX05.XX	LG Solar	LGXXXN1C-A3 (Mono Neon)
SunEdison	F-Series: F2XXXXX-XX	LG Solar	LGXXXS1K-A3
SolarWorld	Pro - SW XXX POLY	LG Solar	LGXXXS1C-A3
SolarWorld	Plus - SW XXX MONO BLACK	LG Solar	LGXXXN1C-G3
SolarWorld	Plus - SW XXX MONO	LG Solar	LGXXXA1C-B3
Canadian Solar	CS6P Monocrystalline (CS6P-XXXM)	Jinko Solar	JKMxxxP-60
Canadian Solar	CS6P Polycrystalline (CS6P-XXXP)	Jinko Solar	JKMxxxM-60
Suniva	OPT XXX-60-4-1B0	Jinko Solar	JKMxxxMM - 60
Hyundai	HiS-XXXXRW (60-cell)	Jinko Solar	JKMxxxP - 60

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 This letter may be used as a letter of conformance (LOC) indicating these PV modules are qualified for use on the **EcoX2 and EcoX Universal PV mounting systems**. The installation manuals for the EcoX2 and EcoX Universal PV mounting systems previously qualified to ANSI/UL 2703 under TÜV Rheinland certificate number US 82150028.01 - .09, should include the PV modules listed in the above table, as qualified for bonding.

Sincerely,



 Katerine Kroner  
 Solar Components Test Engineer  
 TÜV Rheinland PTL

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