### CERTIFICATE OF COMPLIANCE

Certificate Number 20150703-E351343

Report Reference E351343-20150701

Issue Date 2015-JULY-03

Issued to: BURNDY L L C

47 EAST INDUSTRIAL PARK DR MANCHESTER NH 03109-5311

This is to certify that representative samples of

MOUNTING SYSTEMS, MOUNTING DEVICES, CLAMPING DEVICES AND GROUND LUGS FOR USE WITH PHOTOVOLTAIC MODULES AND PANELS

Refer to addendum page for Models

Have been investigated by UL in accordance with the

Standard(s) indicated on this Certificate.

Standard(s) for Safety: ANSI/UL2703 - Standard for Mounting Systems, Mounting

Devices, Clamping/Retention

Devices, And Ground Lugs For Use With Flat-Plate

Photovoltaic Modules And Panels

Additional Information: See the UL Online Certifications Directory at

www.ul.com/database for additional information

Only those products bearing the UL Certification Mark should be considered as being covered by UL's Certification and Follow-Up Service.

Look for the UL Certification Mark on the product.



Bruce Mahrenholz, Director North American Certification Program

UL LLC

Any information and documentation involving UL Mark services are provided on behalf of UL LLC (UL) or any authorized licensee of UL. For questions, please contact a local UL Customer Service Representative at <a href="http://ul.com/aboutul/locations/">http://ul.com/aboutul/locations/</a>



### CERTIFICATE OF COMPLIANCE

Certificate Number 20150703-E351343

Report Reference E351343-20150701

Issue Date 2015-JULY-03

This is to certify that representative samples of the product as specified on this certificate were tested according to the current UL requirements.

USL - Rack Mounting System for Bonding:

BURNDY WEEB-PMC bonding washer, utilized with the ProSolar Rooftrac Shallow Rail or Rooftrac Deep Rail or Rooftrac Extra Deep Rail, Rooftrac Channel Nut, and C2225IMC, C250IMC or C275IMC Mid-Clamp, and C1210EC, C1572EC, C1810EC, C1968EC End-Clamps and 5/16" 304 SS lockwasher and 5/16"-18 304 SS Cap Screw, for use with specific Listed PV modules.

BURNDY WEEB-UMC bonding washer, utilized with the Unirac SM2 crossrail (purlin), M10140 mid clamp and 302002C, 302005C, 302006C and 302009C end clamps, M3018  $\frac{1}{4}$ "-20 304SS T-bolt,  $\frac{1}{4}$ "-20 304SS Serrated Hex nut, all for use with specific Listed PV modules.

Ba Mally
Bruce Mahrenholz Director North

Bruce Mahrenholz, Director North American Certification Program

UL LLC

Any information and documentation involving UL Mark services are provided on behalf of UL LLC (UL) or any authorized licensee of UL. For questions, please contact a local UL Customer Service Representative at <a href="http://ul.com/aboutul/locations/">http://ul.com/aboutul/locations/</a>.





#### QIMS.E351343

# Mounting Systems, Mounting Devices, Clamping Devices and Ground Lugs for Use with Photovoltaic Modules and Panels

Page Bottom

## Mounting Systems, Mounting Devices, Clamping Devices and Ground Lugs for Use with Photovoltaic Modules and Panels

E351343

See General Information for Mounting Systems, Mounting Devices, Clamping Devices and Ground Lugs for Use with Photovoltaic Modules and Panels

BURNDY L L C

47 EAST INDUSTRIAL PARK DR

MANCHESTER, NH 03109-5311 USA

							Photo	volta	ic Ground Lu	ıg - Bo	lt-throug	h Design -	Tested	in Com	bination W	/ith:	
Cat. No.	Max OCPD (A)	Stand- ard Mount- ing Hard- ware Pro- vided		igated or	Mounting Surface				Mounting Screw		Mounting-hole Range		Field-wiring Connections				
			Bond- ing	Mount- ing	Min Pro- file (w x l)	Min Thk	Max Thk	MtI	Sur- face Prep	Size	Tight- en- ing Torque (lbs- in.)	Min	Max	Wire Type (Mtl)	Wire Type	Wire Size (AWG)	Tight- en- ing Torque (lbs- in.)
WEEB-LUG-6.7	200	Υ	Υ	N	18mm x	.06 in.	.25 in.	AL	Anodized	¼ in.	120	6mm	9mm	Cu	Stranded or Solid	6 - 14	60
					20mm		<u> </u>	ST	Galvanized						or Sona		
WEEB-LUG-8.0	200	Υ	Υ	N	22mm x	.06 in.	.25 in.	AL	Anodized	5/16 in.	120	7.85mm	10mm	Cu	Stranded or Solid	6 - 14	60
					20mm		"".	ST	Galvanized	M8					or John		
WEEB-LUG-8.2	200	N	Υ	N	18mm x	.06 in.	.25 in.	AL	Anodized	5/16 in.	120	7.85mm	10mm	Cu	Stranded or Solid	6 - 14	60
					20mm			ST	Galvanized	М8							
WEEB-LUG- 2 15.8	200	N	Υ	N	18mm x	.06 in.	.25 in.	AL	Anodized	5/16 in. M8	120	7.85mm	10mm	Cu	Stranded or Solid	6 - 14	60
					20mm			ST	Galvanized								
WILEYLUG6.7	200	Υ	Y	N	18mm x 20mm	.06 in	.25 in.	ST	Galvanized	¼ in.	120	6mm	9mm	Cu	Stranded or Solid	6 - 14	60
WILEYLUG8.0	200	Υ	Υ	N	22mm x 20mm	.06 in	.25 in.	ST	Galvanized	5/16 in. M8	120	7.85mm	10mm	Cu	Stranded or Solid	6 - 14	60
WILEYLUG8.2	200	N	Υ	N	18mm x 20mm	.06 in	.25 in.	ST	Galvanized	5/16 in. M8	120	7.85mm	10mm	Cu	Stranded or Solid	6 - 14	60
WILEYLUG15.8	200	N	Υ	N	18mm x 20mm	.06 in	.25 in.	ST	Galvanized	5/16 in. M8	120	7.85mm	10mm	Cu	Stranded or Solid	6 - 14	60
WEEB-	200	Y	Υ	N	18mm	.06	.25	AL	Anodized	1/4	120	6mm	9mm	N/A	N/A	N/A	N/A
BNDJMP6.7, WEEB- BNDJMPXX					x 20mm	in.	in.	ST	Galvanized	in.							
WEEB- BNDJMP8.0	200	N	Υ	N	22mm x 20mm	.06 in.	.25 in.	AL	Anodized	5/16 in. M8	120	7.85mm	10mm	N/A	N/A	N/A	N/A
								ST	Galvanized								
WEEB- BNDJMP8.2	200	N	Υ	N		.06 in.		AL	Anodized	5/16 in.	120	7.85mm	10mm	N/A	N/A	N/A	N/A
					20mm	<u> </u>		ST	Galvanized	M8							
WILEYBRAID9, WILEYBRAID12, WILEYBRAID18, WILEYBRAID24, WILEYBRAID36, WILEYBRAIDXX	200	N	Y	N	18mm x 20mm	.06 in.	.25 in.	ST	Galvanized	1⁄4 in.	120	6mm	9mm	N/A	N/A	N/A	N/A

 $\mathsf{OCPD} \, = \, \mathsf{Overcurrent} \, \, \mathsf{protective} \, \, \mathsf{device}$ 

AL = Aluminum

CU = Copper

ST = Stee

XX = Length in inches up to a maximum of 36"

Cat. No.	Investigated for Bonding	Investigated for Mechanical Loading	System Fire Classification (A, B or C)	Tested in Combination With			
	nounting syste		(A, B or C)	rested in Combination with			
Burndy WEEB- UMC	Y N		N/A	Unirac SM2 SolarMount Rail, M10140 Mid-Clamp, 302005C End-Clamp, and; UL Listed PV Modules: Yingli YGE 72 cell and YGE 60 cell series: Cat Nos. YLXXXP-35b			
	Y N		N/A	Unirac SM2 SolarMount Rail, M10140 Mid-Clamp, 302009C End-Clamp, and; UL Listed PV Modules: Jinko JKM Series: Cat. Nos. JKMXXXP-72			
	Υ	N	N/A	Unirac SM2 SolarMount Rail, M10140 Mid-Clamp, 302009C End-Clamp, and; UL Listed PV Modules: Trina TSM-PD14 Series: Cat. Nos. TSM-XXXPD14			
	Υ	N	N/A	Unirac SM2 SolarMount Rail, M10140 Mid-Clamp, 302009C End-Clamp, and; CSA Listed PV Modules: Canadian Solar CS6X Series: Cat. Nos. CS6X-XXXP and CS6P Series: Cat. Nos. CS6P-XXXM, CS6P-XXXP			
	Y N		N/A	Unirac SM2 SolarMount Rail, M10140 Mid-Clamp, 302005C End-Clamp, and; CSA Listed PV Modules: SunEdison Silvantis Series: Cat. Nos. FXXXByC			
	Y N		N/A	Unirac SM2 SolarMount Rail, M10140 Mid-Clamp, 302002C End-Clamp, and; UL Listed PV Modules: SolarWorld Sunmodule Plus Series: Cat. Nos. SW, followed by XXX, followed by "mono" or "poly" followed by "black", may be followed by /T.			
	Y N		N/A	Unirac SM2 SolarMount Rail, M10140 Mid-Clamp, 302006C End-Clamp, and; UL Listed PV Modules: Sharp ND Series: Cat. Nos ND-F4QXXX			
	Y N		N/A	Unirac SM2 SolarMount Rail, M10140 Mid-Clamp, 302006C End-Clamp, and; ETL Listed PV Modules: Mitsubishi PV-MLE Series: Cat. Nos. PV-MLEXXXHD			
	Y N		N/A	Unirac SM2 SolarMount Rail, M10140 Mid-Clamp, 302006C End-Clamp, and; UL Listed PV Modules: Kyocera 54 cell series: Cat. Nos. KD2XXGX			
Burndy WEEB-PMC	Y N		N/A	Professional Solar (ProSolar) RoofTrac rails, C275IMC Mid-Clamp, C1968EC Clamp, and; UL Listed PV Modules: Yingli YGE 72 cell and YGE 60 cell series: Cat Nos. YLXXXP-35b			
	Y N		N/A	Professional Solar (ProSolar) RoofTrac rails, C225IMC Mid-Clamp, C1572EC Clamp, and; UL Listed PV Modules: Jinko JKM Series: Cat. Nos. JKMXXXP-72			
	Y	N	N/A	Professional Solar (ProSolar) RoofTrac rails, C225IMC Mid-Clamp, C1572EC End-Clamp, and; UL Listed PV Modules: Trina TSM-PD14 Series: Cat. Nos. TSM-XXXPD14			
	Y	Y N		Professional Solar (ProSolar) RoofTrac rails, C225IMC Mid-Clamp, C1572EC E Clamp, and; CSA Listed PV Modules: Canadian Solar CS6X Series: Cat. Nos. CS6X-XXXP and CS6P Series: Cat. Nos. CS6P-XXXM, CS6P-XXXP			
	Y N		N/A	Professional Solar (ProSolar) RoofTrac rails, C275IMC Mid-Clamp, C1968EC Clamp, and; CSA Listed PV Modules: SunEdison Silvantis Series: Cat. Nos. FXXXByC			
	Υ	N	N/A	Professional Solar (ProSolar) RoofTrac rails, C200IMC Mid-Clamp, C1210EC End-Clamp, and; UL Listed PV Modules: SolarWorldSunmodule Plus Series: Cat. Nos. SW, followed by XXX, followed by "mono" or "poly" followed by "black", may be followed by /T.			
	Y	N	N/A	Professional Solar (ProSolar) RoofTrac rails, C250IMC Mid-Clamp, C1810EC End- Clamp, and; UL Listed PV Modules: Sharp ND Series: Cat. Nos ND-F4QXXX			
	Y	N	N/A	Professional Solar (ProSolar) RoofTrac rails, C250IMC Mid-Clamp, C1810EC End- Clamp, and; ETL Listed PV Modules: Mitsubishi PV-MLE Series: Cat. Nos. PV-MLEXXXHD			
	Y	N	N/A	Professional Solar (ProSolar) RoofTrac rails, C250IMC Mid-Clamp, C1810EC End Clamp, and; UL Listed PV Modules: Kyocera 54 cell series: Cat. Nos. KD2XXGX			
	Υ	N	N/A	Professional Solar (ProSolar) RoofTrac rails, C250IMC Mid-Clamp, C1810EC End Clamp, and; UL Listed PV Modules: Kyocera 80 cell series:			

7/6/2015	QIMS.E351343 - Mounting Systems, Mounting Devices, Clamping Devices and Ground Lugs for Use with Photovoltaic Modules and Panels									
L			Cat. Nos. KD3XXGX, KU3XX							
	_									
Trademark a	and/or Tradename:									
Last Update	<u>ed</u> on 2015-07-06									
Questions?		Print this page	Terms of Use	Page Top						

© 2015 UL LLC

When the UL Leaf Mark is on the product, or when the word "Environment" is included in the UL Mark, please search the <u>UL Environment database</u> for additional information regarding this product's certification.

The appearance of a company's name or product in this database does not in itself assure that products so identified have been manufactured under UL's Follow-Up Service. Only those products bearing the UL Mark should be considered to be Certified and covered under UL's Follow-Up Service. Always look for the Mark on the product.

UL permits the reproduction of the material contained in the Online Certification Directory subject to the following conditions: 1. The Guide Information, Assemblies, Constructions, Designs, Systems, and/or Certifications (files) must be presented in their entirety and in a non-misleading manner, without any manipulation of the data (or drawings). 2. The statement "Reprinted from the Online Certifications Directory with permission from UL" must appear adjacent to the extracted material. In addition, the reprinted material must include a copyright notice in the following format: "© 2015 UL LLC".