



Certificate of Compliance

Certificate:	70106311	Master Contract:	264073
Project:	80201128	Date Issued:	2024-07-19
Issued to:	Preformed Line Products 660 Beta Drive Cleveland, Ohio 44143 United States		
Attention: Kevin Opalach			

The products listed below are eligible to bear the CSA Mark shown with adjacent indicator 'US'



Issued by: Joseph Garcia
Joseph Garcia

PRODUCTS

Class 5313 82 POWER SUPPLIES- PHOTOVOLTAICS - PV Racking and clamping systems-Certified to US Standards

The systems listed below are designed to provide bonding/grounding, and mechanical stability for photovoltaic modules, including fire performance ratings.

The Ballasted Power Rail system employs type 5000 Series aluminum bays, and type 6000 Series aluminum P8 Rails. The Power Rail P6, P6+, P8, and P14 employ type 6000 Series Rails and L-feet to secure the rack mounting system to the roof, with the only difference between the models including the larger module support rails. Modules are secured to the racking system with the AMP™ and Rad™ Clamp Assembly.

Power Rail™ and Ballasted Power Rail™

Model(s)
Power Rail™ P6, Power Rail™ P6+, Power Rail™ P8, Power Rail™ P14, Power Rail™ D- Series, Ballasted Power Rail™



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Ballasted Power Rail™ Mount	-	Ballasted Power Rail Top-Clamping PV Module Rack Mounting System, incorporating Aluminum Rails with S.S or coated Clamping Hardware. Secures to roof via Ballast Blocks.
Power Rail™ P6	-	Power Rail Top-Clamping PV Module Rack Mounting System, incorporating Aluminum Rails with S.S or coated Clamping Hardware. Secures to Roof via L-Feet, incorporating P6 Rail
Power Rail™ P6+	-	Power Rail Top-Clamping PV Module Rack Mounting System, incorporating Aluminum Rails with S.S or coated Clamping Hardware. Secures to Roof via L-Feet, incorporating P6+ Rail
Power Rail™ P8	-	Power Rail Top-Clamping PV Module Rack Mounting System, incorporating Aluminum Rails with S.S or coated Clamping Hardware. Secures to Roof via L-Feet, incorporating P8 Rail
Power Rail™ P14	-	Power Rail Top-Clamping PV Module Rack Mounting System, incorporating Aluminum Rails with S.S or coated Clamping Hardware. Secures to Roof via L-Feet, incorporating P14 Rail
POWER RAIL™ D-Series	-	Power Rail Top-Clamping PV Module Rack Mounting System, incorporating Aluminum Rails with S.S or coated Clamping Hardware. Secures to Roof via Mounting Base Bracket, incorporating D-Series rails

The systems listed below are designed to provide bonding/grounding only for photovoltaic modules.

The system employs Galvanized Steel Piles (either C-Channel or I-Beam depending on the system) or HSS Pipe with Hot-Dip Galvanized Ground Screws, and Galvanized Steel or Aluminum Rails (depending on the system). Modules are secured to the racking system with a Type 300 Stainless Steel AMP™ Clamp Assembly. The modules are bonded to the racking system with anodization-piercing clamps.

Power Peak™

Model(s)
Power Peak™ AL, Power Peak™ GS, Power Peak™ GSC, Power Peak™ GSH, Power Peak™ GSHC, Ballasted Power Peak™ series, Power Spike™

Power Peak™ AL	-	Ground-Mount PV Racking System with 6000 series Aluminum Rails and Strongback Assemblies; Galvanized I-Beam Pile.
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Power Peak TM GS	-	Ground-Mount PV Racking System Incorporating all Galvanized Steel Components and I-Beam Pile
Power Peak TM GSC	-	Ground-Mount PV Racking System Incorporating all Galvanized Steel Components and C-Channel Pile
Power Peak TM GSH	-	Ground-Mount PV Racking System with Galvanized Steel and Aluminum Components and I-Beam Pile.
Power Peak TM GSHC	-	Ground-Mount PV Racking System with Galvanized Steel and Aluminum Components, and C-Channel Pile.
Ballasted Power Peak TM series	-	Ground-Mount PV Racking System with Galvanized Steel and/or Aluminum Components, C-Channel, and Ballast Block.
Power Spike TM	-	Ground-Mount PV Racking System with 6000 series Aluminum Rails and Strongback Assemblies; HSS Pipe with Hot-Dip Galvanized Ground Screw.

The system listed below is designed to provide bonding/grounding and mounting facilities for photovoltaic modules. Bonding and grounding PV module frames to racking system uses Bonding Plates to pierce anodized coatings that are outlined in the installation manuals. The system has only been tested for bonding, grounding, and electrical continuity, no mechanical load was performed and no-load rating has been given.

Model(s)
PV Cable Mount

PV Cable Mount	-	Ground mount solar racking system, PV modules installed in portrait orientation, PV modules secured to cables with PV Module Clamps fastened to PV Mounting holes. System is secured with tensioned cables bolted to ground anchors.
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The system listed below is designed to provide bonding/grounding and mounting facilities for photovoltaic modules. Bonding and grounding PV module frames to racking system uses top down clamps to pierce anodized coatings that are outlined in the installation manuals. System has been tested for bonding and grounding. Tested for Mechanical and Fire ratings

The grounding of the system is intended to comply with the latest edition of the National Electrical Code, to include NEC



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250 & 690. Local codes compliance is required, in addition to national codes. All grounding/bonding connections are to be torqued in accordance with the Installation Manual and the settings used during the certification testing for the current edition of the project report.

Model(s)
Power Max+

Power Max+	-	The roof mounted system is a ballasted structure and is weighted in place to the roof substrate using concrete-cap blocks as ballast. Screws, bolts or other fasteners to the roof sub-strate are optional for seismic or high wind applications.
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APPLICABLE REQUIREMENTS

ANSI/UL 2703-2023 - STANDARD FOR SAFETY Mounting Systems, Mounting Devices, Clamping/Retention Devices, and Ground Lugs for Use with Flat-Plate Photovoltaic Modules and Panels



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Notes:

Products certified under Class(es) C531382 have been certified under CSA's ISO/IEC 17065 accreditation with the Standards Council of Canada (SCC). www.scc.ca





Supplement to Certificate of Compliance

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*The products listed, including the latest revision described below,
are eligible to be marked in accordance with the referenced Certificate.*

Product Certification History

Project	Date	Description
80201128	2024-07-19	Update Report 70106311 to add new model to certification, Power Spike Series. Evaluation only, no testing.
80169472	2023-05-19	Model Certification: Updating report 70106311 to add Easy Power Post and Easy Mounting Foot. Evaluation only, no testing.
80086137	2022-05-23	Updating report 70106311 to add new system Power MAX PLUS. Will be transfer of certification from another NRTL. Only changes in design is a decrease in material, will need to repeat Mechanical Load Test only. Remote witness testing under WMTC program, will need to requalify WMTC in our system as previous qualification has expired. Conduct remote audit during witness testing.
80060357	2020-12-14	Updating report 70106311 to add modules to approved PV module list for bonding only to ground mount system. No mechanical or fire ratings.
80042340	2020-10-27	Update Report 70106311 to consolidate PV List into one document for all systems in this report. Update PV list with approved modules by evaluation. Combined following reports into this one:
70194551	2019-02-27	Updated report 70106311. Updated PV module list by evaluation, no testing was required. Testing performed on samples of the anodized coated XD UD LD & MD rails, mid clamps, end clamps and representative module samples. Updated all installation instructions.
70161643	2017-11-14	Updated markings labels with current company logo and name Updated Assembly Instructions revisions.
70106311	2017-05-03	Full Certification of the following PV Rack Mounting Systems: Ballasted power Rail Mount, Power Rail P6, Power Rail P8, and Power Rail P14