

1.0 Reference and Address			
Report Number	105302975LAX-001	Original Issued: 9-Mar-2023	Revised: 28-Aug-2026
Standard(s)	Photovoltaic Hazard Control [ANSI/UL 3741:2020 Ed.1]		
Applicant	Unirac, Inc.	Manufacturer 1	
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Country	USA	Country	
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2.0 Product Description	
Product	Photovoltaic Hazard Control System (PVHCS) using Unirac installation manual defined by, UL 3741 PV Hazard Control Installation Addendum for RM10 EVO: PUB2025JUL30 UL 3741 PV Hazard Control Installation Addendum for RMDT: PUB2025JUL30 UL 3741 PV Hazard Control Installation Addendum for RM5: PUB2025JUL30 UL 3741 PV Hazard Control Installation Addendum for EcoFoot5D: PUB2025JUL30 UL 3741 PV Hazard Control Installation Addendum for EcoFoot2+: PUB2025JUL30 UL 3741 PV Hazard Control Installation Addendum for GridFlex 5: PUB2025JUL30 UL 3741 PV Hazard Control Installation Addendum for GridFlex 10D: PUB2026AUG21 UL 3741 PV Hazard Control Installation Addendum for NXT Umount Residential Roof Applications PUB2025JUL30 UL 3741 PV Hazard Control Installation Addendum for NXT Umount Commercial Roof Applications PUB2026MAY15 UL 3741 PV Hazard Control Installation Addendum for SolarMount Residential Roof Applications PUB2025JUL30 UL 3741 PV Hazard Control Installation Addendum for SolarMount Commercial Roof Applications PUB2025JUL30
Brand name	Unirac, INC.
Description	The equipment and components covered under the Unirac PVHCS are as follows: Inverter, Disconnect Switch, PV module, MLPE Mounts, Cable Tray and Wire Clips. The PV array equipment or assemblies were subjected to a Safety Analysis (Section 12 of UL 3741) considering potential risks that a Fire Fighter (FF) may encounter when interacting with the Unirac PVHCS while performing duties during an emergency. PVHCS shall be equipped with Rapid Shutdown that complies with PV Hazard Control Equipment (PVHCE) per UL 3741, UL 1741 and NEC 690.12. The Rapid Shutdown product shall comply with the PVRSE and PVRSS requirements of UL 1741 including but not limited to the applicable Sections 87 – 97 for the specific functions that the equipment performs. All specified Rapid Shutdown devices in this report shall be marked and comply with PVRSS. Inverters and other critical compnents in this listing shall be placed 305 mm (1 ft) from the array in all directions. The PV Hazard control system in this report are evaluated to UL 3741 with validation testing specified in section 8. Evaluation to this standard should not replace other requirements of other applicable standards or addressing the control of power source(s) for the purposes of worker safety during installation or maintenance. Any local electrical codes must be adhered in addition to the national electrical codes. Installer is responsible for and shall provide an appropriate installation to the applicable edition of the National Electrical Code.
Models	RM10, RM10 EV0, RMDT, RM5 South, EcoFoot5D, EcoFoot2+, GridFlex, GridFlex 10D, NXT, NXT GFT Tilt Leg, and SM
Model Similarity	All PVHCS models are similar in functionality but differ in the Racking model and components used that are stated in this listing report

2.0 Product Description	
Ratings	All PVHCS ratings: String max system voltage: 1000Vdc Max PV Module Surface Area: 33.44ft ² for RM 5 South, RMDT, RM10, RM10EVO, Max PV Module Surface Area: 29.49ft ² for EcoFoot5D, EcoFoot2+, GridFlex 5, NXT and SM Max PV Module Surface Area: 27.81ft ² for NXT GFT Tilt Leg PV Module Model Type: Glass Polymer or Glass Glass with metallic frame for RM 5 South, RMDT, RM10, RM10EVO, EcoFoot5D, EcoFoot2+ and GridFlex PV Module Model Type for NXT and SM: Type 1 and Type 2 PV Module Model Type for GridFlex 10D: Type 1, Type 2 and Type 29 PV Module Model for NXT GFT Tilt Leg: Jinko JKMxxxN-72HL4-BDX
Other Ratings	N/A