

February 18, 2026

Unirac, Inc.
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Albuquerque, New Mexico 87102
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Re.: Innova Technologies No.: 126-099-1001
Unirac SOLARMOUNT (SM) Roof Design – Illinois

Attn: Engineering Services

Innova Technologies Inc. has reviewed Unirac's SOLARMOUNT (SM) design methodology, process, and U-Builder tool. Unirac's SM is a proprietary system constructed to mount Photovoltaic (PV) panels on a roof. Our review includes the SM Light, Heavy Duty, and Standard rails with both the standard and pro hardware.

All analysis and information in the design tool's formulas and tables comply with the following:

- 2009-2024 International Building Code by International Code Council Inc. with provisions from SEAO PV-2 2017
- 2009-2024 International Residential Code, by International Code Council Inc. with provisions from SEAO PV-2 2017
- ASCE/SEI 7-05 through 7-22 Minimum Design Loads and Other Structures, by American Society of Civil Engineers.
- 2005-2020 Aluminum Design Manual, by the Aluminum Association.

This letter certifies that the structural analysis of the SM system and components directly related to Unirac's system are acceptable under component & cladding loads associated with a building's roof structure when the system is installed in accordance with manufacturer specifications.

Attachments approved for the SM System to the structure include the following, installed per the Unirac U-Builder report and installation guides:

Shingle Roof

L-Foot Flashkit Pro, Flashloc Comp, Flash Loc Duo, and Flash Kit Pro SB

Metal Roof:

Standing Seam Attachments, PM-9000S, and PM Adjust Slotted

Tile Roofs:

Solar Hooks, Tile Replacement

Unirac State Letters
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Illinois Solar mount
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The U-Builder tool should be used under a responsible charge of a registered professional where required by the authority having jurisdiction. The design tool does not evaluate the existing roof structure, or the PV panels themselves.

For more information, see the construction and installation drawings and manuals provided by Unirac.

Best Regards,



Steve Moore
Sr. Project Manager
Innova Technologies, Inc.

