



## THE POWER OF SIMPLICITY

Introducing the Unirac RM. An easy to assemble, high quality, low part number flat roof solution from the industry's leading PV mounting manufacturer.

The smart design and engineering of the Unirac RM is the result of years of proven performance as the industry's leading PV mounting company. Assembled from 2 parts with 1 tool, Unirac delivers the easiest to install and most reliable flat roof solution on the market today, designed to reduce overall project costs, risks and complexity.

[www.unirac.com](http://www.unirac.com)



Copyright © 2012-2013 / Unirac Inc.  
All rights reserved Pub130821

### PROJECT CHARACTERISTICS

Allowable Roof Slope:	5 Degrees
Unevenness:	+/- 3.5 Degrees
Max Building Height:	100 ft <sup>1</sup>
Wind Speed:	Up to 120 mph <sup>2</sup>
Wind Exposure:	Categories B and C. (D upon request)
PSF on Roof:	As low as 3.5 PSF <sup>3</sup>
Surfaces:	Most common roof types including PVC & TPO membranes, bitumen, concrete
Min. Local Contact Area:	38 in <sup>2</sup> per module (57 in <sup>2</sup> with roof pad)
Module Orientation:	Landscape
Nominal Module Tilt Angle:	10 Degrees (nominal) <sup>4</sup>
Row Spacing:	18 in (nominal) <sup>4</sup>

### COMPONENTS MATERIALS

Ballast Bay	Aluminum 6063-T5
Module Clamp	Aluminum 6005A-T61
Locking 3/8" Hex Bolt	Stainless Steel 300 Series
Roof Pad	TPE 70 Shore A

### BALLAST BAY GEOMETRY

Width:	21 in
Length:	17 in
Height:	13 in
Weight:	3.5 lbs
Roof Pad:	3 in x 10 in

### MODULE COMPATIBILITY

Standard 60 and 72 Cell Framed Modules	
Module Clamp w/ Integrated Bonding to UL2703	
Seismic Attachment	If required
Cable Management	Compatible w/ strut accessories

### WARRANTY

10 Year Structural Performance Warranty  
20 Year Materials and Defects Warranty

<sup>1</sup> Self configurable up to 60'. Greater than 60' upon request.

<sup>2</sup> ASCE 7-05 Wind Maps

<sup>3</sup> Criteria used: ASCE 7-10 wind (110 mph), Snow=0, Building height= 30 ft., Exposure Category B

<sup>4</sup> Varies by module