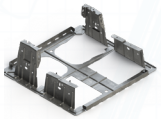
FLAT ROOF SOLUTIONS | APPLICATION GUIDE

UNIRAC
BETTER SOLAR STARTS HERE

ROOFMOUNT

RELIABLE SIMPLICITY

Flat roof workhorse delivers 10°, 5°, and Dual Tilt options with minimal SKUs—designed for simplicity, speed, and efficiency in every ballasted installation.



ECOFOOT®

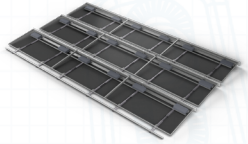
UPGRADE IN AESTHETICS AND AERODYNAMICS

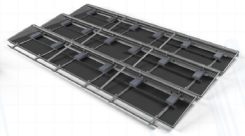
A clean, professional flat roof system featuring integrated wind deflectors to minimize uplift. Preassembled clamps and stackable bays allow modules to be installed easily.

GRIDFLEX®

GRID BASED FOR LOWER BALLAST WEIGHT

Grid-based design distributes loads efficiently to minimize overall system weight. Preassembled, universal components deliver fast, flexible installation.





	RM10 EVO	RM5	RMDT	ECOFOOT®2+	ECOFOOT®5D	GRIDFLEX® 5	GRIDFLEX® 10
SYSTEM ADVANTAGE	- Bay + Clamps - #1 Bifacial solution - CPP wind tunnel tested - Module density at 10°	- 2 Row space options - Wind deflector to reduce ballast	- Max module density - Lowest cost - Best aerodynamics	- 3 SKUs - Validated install speed - Landscape and portrait	- Each module supported by 6 connection points	- 2 Row space options fewer components than other grid systems	- 3 Row space options - Fastest grid system
LIGHTEST SYSTEM WEIGHT (PSF)	4	4	5	4	4	5	5
OPTIMAL FOR WIND LOADS	4	4	5	4	4	5	5
OPTIMAL FOR SNOW LOADS	3	3	3	4	5	3	5
INSTALL EASE	5	3	3	5	3	3	5

KEY: 3 ICONS = GOOD 5 ICONS = BEST

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	ROOFMOUNT			ECOFOOT®		GRIDFLEX®	
	RM10 EVO	**RM**5	**RMDT**	**ECO**FOOT®**2+**	**ECO**FOOT®**5D**	GRID**FLEX**® **5**	GRID**FLEX**® **10**
TILT AND ORIENTATION	10° South Landscape	5° South Landscape	8° East/West Landscape	10° South Landscape 5° South Portrait	5° South Landscape	5° South Landscape	10° South Landscape
ROW SPACE	13.5”	7.5” / 11”	8.3” Valley 1.1” Peak	18.9”	9.8”	8” / 11”	10” / 13” / 17”
SHADE ANGLE	27.5°	25° / 18°	8°	20°	20°	24° / 18°	37° / 27° / 22°
MODULE DENSITY	76%	83% / 77%	89%	67% Land / 80% Port	79%	83% / 78%	78% / 74% / 78%
MODULE FRAME COMPATIBILITY	Universal Return Flange Clamp	Top Clamp 2 SKUs 30-40mm 41-45mm	Top Clamp 2 SKUs 30-40mm 41-45mm	Universal Top Clamp 30-50mm	Universal Top Clamp 30-50mm	Universal Return Flange Clamp	Universal Top Clamp 30-46mm Universal Return Flange Clamp
MODULE DIMENSIONS AND MAX AREA LIMITS*	**LENGTH:** 60”- NO LIMIT **WIDTH:** 37” - 53” **MAX AREA:** 34 SQ FEET	**LENGTH:** 60” - 97” **WIDTH:** 37” - 53” **MAX AREA:** 34 SQ FEET	**LENGTH:** 60” - 98” **WIDTH:** 37” - 53” **MAX AREA:** 34 SQ FEET	**LENGTH:** 60” - 90” **WIDTH:** 37” - 53” **MAX AREA:** 34 SQ FEET	**LENGTH:** 60” - 90.25” **WIDTH:** 37” - 53” **MAX AREA:** 34 SQ FEET	**LENGTH:** 60” - 100” **WIDTH:** 38” - 44.65” **MAX AREA:** 30.38 SQ FEET	**LENGTH:** 71” - 100” **WIDTH:** 39” -52” **MAX AREA:** 34 SQ FEET
MATERIAL	Alum. Basket and Clip SS Hardware	Galvanized Steel SS Hardware	Galvanized Steel SS Hardware	PC/ASA Base Alum. Clamp SS Hardware Galvanized Steel or Alum. Deflector	PC/ASA Base Alum. Clamp SS Hardware Galvanized Ballast Tray	Galvalume Rails Galvanized Ballast Tray Alum. Clamps SS Hardware	ZAM Rails Alum. Clamps SS Hardware ZAM Ballast Rails Galvalume Deflector
BALLAST BLOCK CAPACITY	Up to 4 blocks	Up to 2 blocks	Up to 5 blocks (Ridge Bay) Up to 2 blocks (Valley Bay)	Up to 3 blocks per Base without Shade	Up to 5 blocks	Up to 4 blocks	Up to 8 blocks

***Max area can not be exceeded regardless of module dimensions when installing flat roof products.**

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