FLAT ROOF SOLUTIONS | COMPARISON GUIDE

UNIRAC®
BETTER SOLAR STARTS HERE

Every project has unique requirements – let the Unirac Commercial Team help optimize the right solution to match your specific project parameters. Our design experts can identify the product solutions that satisfy your specific site variables and project goals.

	ROOFMOUNT				**ECO**FOOT		**GRID**FLEX	
	Reliable Simplicity				Upgrade in Aesthetics and Aerodynamics		Grid Based For Lower Ballast Weight	
	Flat roof's workhorse offers a 10°, 5°, and Dual Tilt solution with minimal SKUs. As simple and easy as ballasted solar can be.				A great-looking flat roof solution with integral wind deflectors to reduce uplift. Preassembled clamps and stackable bays are ready for modules in seconds.		Grid-based structure provides load sharing to reduce system weight. Preassembled, universal components for install speed and flexibility.	
	RM10	RM10 EVO	RM5	RMDT	EcoFoot2+	EcoFoot5D	GridFlex 5°	GridFlex 10°
SYSTEM ADVANTAGE	Bay + Clamps #1 Bifacial Solution Validated Install Speed	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)	🌿🌿🌿	🌿🌿🌿	🌿🌿🌿	🌿🌿🌿🌿🌿	🌿🌿🌿	🌿🌿🌿	🌿🌿🌿🌿🌿	🌿🌿🌿🌿🌿
OPTIMAL FOR WIND LOADS	💨💨💨💨	💨💨💨💨	💨💨💨	💨💨💨💨	💨💨💨💨	💨💨💨	💨💨💨💨	💨💨💨💨
OPTIMAL FOR SNOW LOADS	❄️❄️❄️	❄️❄️❄️	❄️❄️❄️	❄️❄️❄️	❄️❄️❄️❄️❄️	❄️❄️❄️❄️❄️	❄️❄️❄️	❄️❄️❄️
INSTALL EASE	⭐⭐⭐⭐⭐	⭐⭐⭐⭐⭐	⭐⭐⭐	⭐⭐⭐	⭐⭐⭐⭐⭐	⭐⭐⭐	⭐⭐⭐	⭐⭐⭐⭐⭐

KEY: 3 ICONS = GOOD   5 ICONS = BEST

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	ROOFMOUNT				ECOFOOT		GRIDFLEX	
	RM10	RM10 EVO	RM5	RMDT	EcoFoot2+ (Portrait)	EcoFoot5D	GridFlex 5°	GridFlex 10°
TILT AND ORIENTATION	10° South Landscape	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	18.5"	13"	7.5" | 11"	8.3" Valley 1.1" Peak	18.9"	9.8"	8" | 11"	10" | 13" | 17"
SHADE ANGLE	20°	27.5°	25° | 18°	8°	20°	20°	24° | 18°	37° | 27° | 22°
MODULE DENSITY	66%	76%	83% | 77%	89%	67% Land | 80% Port	79%	83% | 78%	78% | 74% | 78%
MODULE FRAME COMPATIBILITY	Universal Return Flange Clamp	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: NO LIMIT WIDTH: 53" MAX AREA: 34 SQ FEET	LENGTH: NO LIMIT WIDTH: 53" MAX AREA: 34 SQ FEET	LENGTH: 97" WIDTH: 53" MAX AREA: 34 SQ FEET	LENGTH: 98" WIDTH: 53" MAX AREA: 34 SQ FEET	LENGTH: 90" (98") WIDTH: 53" (42") MAX AREA: 34 SQ FEET	LENGTH: 90.25" WIDTH: 53" MAX AREA: 34 SQ FEET	LENGTH: 98" WIDTH: 44.65" MAX AREA: 30.38 SQ FEET	LENGTH: 100" WIDTH: 52" MAX AREA: 36.11 SQ FEET
MATERIAL	Al Basket and Clip SS Hardware	Al Basket and Clip SS Hardware	Galvanized Steel SS Hardware	Galvanized Steel SS Hardware	PC/ASA Base Al Clamp SS Hardware Galvanized Steel or Al Deflector	PC/ASA Base Al Clamp SS Hardware Galvanized Ballast Tray	Galvalume Rails Galvanized Ballast Tray Al Clamps SS Hardware	ZAM Rails AL Clamps SS Hardware ZAM Ballast Rails Galvalume Deflector
BALLAST BLOCK CAPACITY	4 per Bay	3.5 per Bay	2 per Bay	6 per Ridge Bay 2 per Valley Bay	3 per Base without Shade	5 per 72-cell Module 4 per 60-cell Module	4 per 72-cell Module 3 per 60-cell Module	10 per 72-cell Module 5 per 60-cell Module

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