

Аэродинамическая система крепления солнечных батарей на крыше **SNOW.FLAKE**

ОБЗОР ПРОДУКЦИИ



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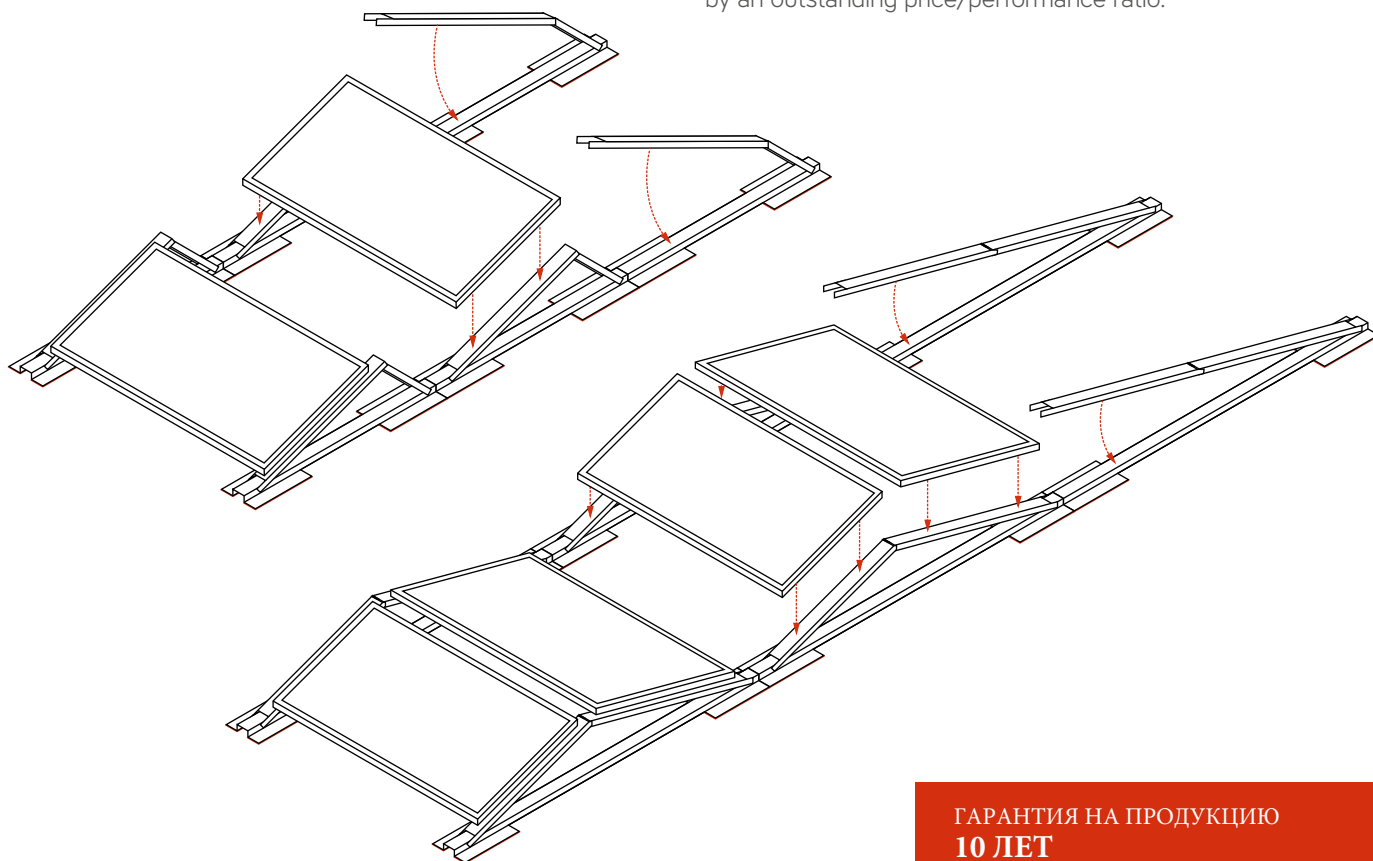
SNOW.FLAKE

SNOW.FLAKE покоряет своей уникальностью и удобством в монтаже. Система состоит из нескольких частей, изготовленных на заводе, так что процесс сборки значительно упрощается.

With the aerodynamically and technically optimized mounting system SNOW.FLAKE, the area potential of flat or slightly inclined roofs can be used. Even roofs with low load reserves are suitable for this low ballast mounting system. The bottom rails guarantee an incomparable gentle installation to the roof. The protection tapes, laminated by aluminum, are already applied and the construction allows water flow in all directions.

In contrary to conventional, non penetrating mounting systems for flat roofs, **SNOW.FLAKE SOUTH** gets along with only a fraction of normally necessary ballast, due to its wind channel tested aerodynamical construction.

Ordinarily the **SNOW.FLAKE EAST.WEST** System is mounted without additional ballast. With this east and west oriented system, the roof can be covered in optimal way, because shadow distances are not necessary anymore. This results into higher revenues for the operator of the installation. SNOW.FLAKE EAST.WEST cares clearly for equilibrated revenues and convinces by an outstanding price/performance ratio.



ГАРАНТИЯ НА ПРОДУКЦИЮ
10 ЛЕТ

БЫСТРЫЙ МОНТАЖ

No mounting system can be installed faster.
Prefabrication and few parts save time and costs.

AUDITED SAFETY

Static, material, execution and place of manufacture is tested and audited by VDE.

KIND TO THE ROOF

The installation is executed without penetration of the roof; the watercourse is censure.

AERODYNAMICALLY OPTIMIZED

The design, developed in wind channel, leads the wind perfectly through the system.

100 PERCENT RECYCLABLE

Used material has a life cycle of more than 20 years and is 100 % recycable.

	SNOW.FLAKE SOUTH			SNOW.FLAKE EAST.WEST
	10°	15°	20°	12°
Наклон	10°	15°	20°	12°
Ширина модуля	950 – 1,200 mm *	950 – 1,200 mm *	950 – 1,000 mm *	970 – 1,000 mm
Length rail	1,500 mm	1,500 mm	1,500 mm	2,877 mm
Вес	3.5 kg / m ²	4 kg / m ²	4.5 kg / m ²	2 kg / m ²
Загрузка площади	8 kg / m ² **	10 kg / m ² **	12 kg / m ² **	10 kg / m ² **
Area demand	ab 10 m ² /kWp **	ab 12 m ² /kWp **	ab 15 m ² /kWp **	ab 9 m ² /kWp **
Время сборки	5 kWp / man-hour			8 kWp / man-hour
Material	aluminum – oxidation stability tested according to DIN ISO 6988 (sulphur dioxide) DIN EN 60028-2-1 (salt fog test)			
Range of application	flat-roofs, slightly inclined roofs (up to 15 °)			
Roofing	foil, bitumen, gravel, green, sheet metal			
Connection to roof	without penetration of the roof			
Protection of building	protection pads, laminated by aluminum, already fixed			
Proof of wind load and basics of static	determination and construction of wing assembly in aluminum under the use of tests in wind channels, assumptions of loads acc. to DIN 1055 and Eurocode 1			
Lightning protection	Precondition for the integration into the lightning protection (or potential compensation) are fulfilled (e. g. VDE 0100 part 712)			
Product warranty	10 years			

* Special solutions for alternative width of modules are possible. System is applicable for all lengths of modules.
** In dependence of type of module, chosen distance of shadow, incline, subdivision of generator, location- and building data, the area demand and area load may differ.

КОНТАКТЫ

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