



MEYER BURGER

PeakDesign

PeakDesign Hybrid

The flat roof system of the next generation

New concept to optimise yield, maintenance costs and structural strength

- Specially designed for Swiss flat roofs
- Easy and quick installation
- Laid directly on the roof substrate
- No roof penetration / no screws
- No substrate movement during the installation
- Aesthetic design with low system weight of 14 kg/m²
- Ballasting in the corner areas
- High resistance to wind due to aerodynamic design
- More than 45% higher annual yield compared to conventional flat roof systems
- Long-life, rugged and self-cleaning
- Developed for Meyer Burger frameless photovoltaic and hybrid modules



Innovative Swiss quality product

The lightweight structure is placed directly on the existing roof substrate without making holes in the roof membrane! The flat roof system is quick and easy to install and extendable at will. It stands out for its low static load and fits on almost any flat roof.

In addition to its great functionality, the system is aesthetically superior and suitable for the highest wind loads thanks to the aerodynamic design.

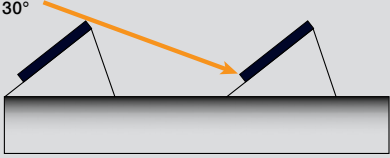
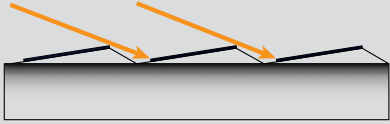


The PeakDesign flat roof system is the optimum solution for flat roofs with limited useable areas and roof load. It generates over 45% more energy from the same usable area than conventional flat roof systems.

With an inclination angle of 10°, the PeakDesign enables optimum energy yield with a low uniformly distributed load.

Due to their 10° slope, the frameless solar modules ensure excellent self-cleaning over the entire operating life of the system.

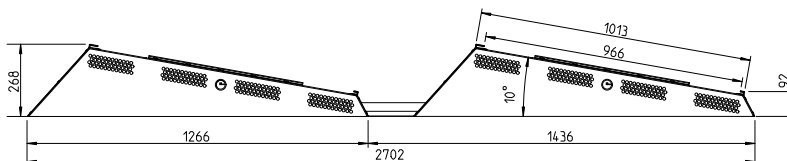
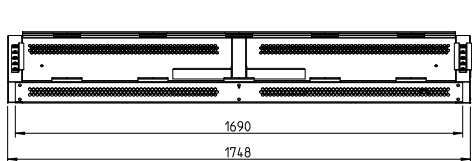
Low installation costs and an optimum system configuration set new benchmarks in terms of electricity generation costs.

Maximum area coverage for the highest possible energy yields

Example	Conventional flat roof system 30° with framed solar modules	PeakDesign 10° with frameless solar modules	Advantages PeakDesign
Location	Solothurn	Solothurn	
Area used	50 m x 50 m	50 m x 50 m	
Number of module rows	22	36	
Number of solar modules	638	986	+54%
Inclination angle	30° 	10° 	
Orientation	180° south	180° south	
Output per module	265 Wp	265 Wp	
Installed output	169.07 kWp	261.29 kWp	+54%
Estimated annual yield per kWp	1060 kWh	999 kWh	-6%
Estimated annual yield	179.2 MWh	261 MWh	+45%
Dirt and self-cleaning	Framed solar modules 	Frameless solar modules 	✓ Dirt can drain off unimpeded

Conventional systems have inclination angles of ca. 30° and require greater spacing between the module rows on account of the shadow cast. With an inclination angle of 10°, PeakDesign produces in excess of 45% more energy from the same area with the same solar module.

Mechanical specifications	
Length in E-W direction	1690 mm
Width in N-S direction	1436 mm
Material	Aluminium
Inclination angle	10°
System weight with Black or Sky solar modules	14 kg/m²
Certified system pressure and suction loads	2400 N/m²



Certifications and guarantees

- Quality testing, static load-bearing capacity IEC 61215
- Operating safety IEC 61730
- Product guarantee 2 years



INTEGRATED SOLAR ROOFING SOLUTIONS

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Further information on our Swiss quality products can be found on the website. We are also happy to provide advice in person.