



SOLARSTONE  
Affordable building integrated rooftop solar panels

# Technical specifications

Solarstone is providing superior-quality BIPV (building-integrated photovoltaic) modules to private homeowners and businesses in Europe. With nearly 10 years experience in the photovoltaic industry, we manufacture products designed and built for optimal efficiency and reliability. Unique built-in roof system by SolarStone combines modern seamless design with practicality.

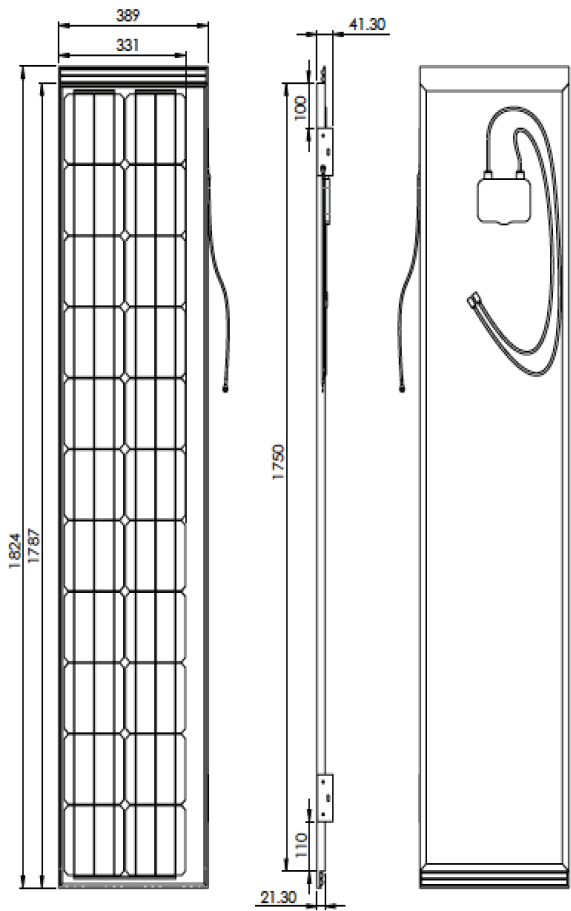
## Advantages

- Easy-to-mount BIPV to replace regular roofing systems
- Aesthetically attractive, compatible with Monier tiles
- Weather-proof and highly durable
- Best solution for historic buildings
- No expensive fittings required
- High static load rating
- 10-year warranty for defects
- 25-year warranty for output

## Materials and production

- Coated black aluminium frame
- Monocrystalline silicon cells
- Prismatic 3,2 mm glass
- Flash testing to ensure rated level of output
- Lead-free solder protects health and the environment
- Utility patented solution (EPO)

## Drawings and Dimensions Unit: (mm)



## Specifications

Manufacturer	SolarStone
Model name	S105B2
Cell type	Monocrystalline, 156 x 156 mm
Number of cells	22
Maximum power rating (Pmax)	105
Tolerance of maximum power rating	+3/-3%
Power temperature coefficient	-0.414 %/°C
Open circuit voltage (Voc)	13,81
Short circuit current (Isc)	9,13
Maximum power voltage (Vmp)	11,9
Maximum power current (Imp)	8,9
Maximum system voltage	1000
Fuse rating	12A
Static load test passed	250 kg/m2
Dimensions (mm)	1824 x 389 x 21
Dimensions (mm, installed)	1787 x 331... 370 x 21
Weight (kg)	10
Module efficiency	18,5%
Output terminal	MC4
Fire rating	Class C
Certifications	IEC 61215



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Specifications subject to change without notice.

