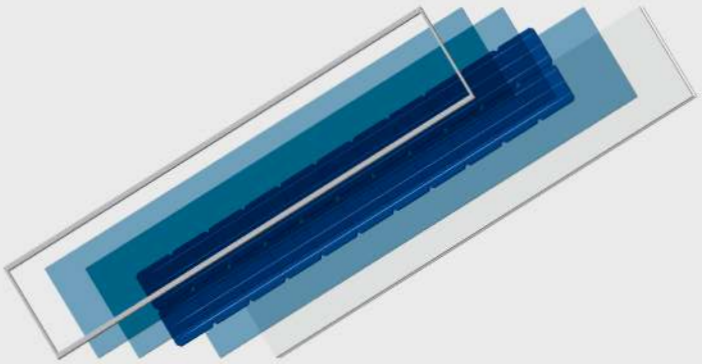
TECHNICAL SPECIFICATIONS

Standing Seam **Steel Roof** and Cladding Modules

Simple, aesthetic, lightweight and cost-effective.

Depending on seam properties the module output varies from 140W to 180W.

Modules are compatible with Ruukki, Toode AS and many other profiles.

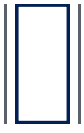


APPLICATION

- New-builds & renovation projects
- Residential and public buildings
- Standing seam cladding
- Canopies and ancilliary structures
- Historic buildings where on-roof solutions are not permitted

ADVANTAGES

- Easy-to-mount
- Aesthatically attractive
- Weather-proof and highly durable
- No expensive fittings required
- High static load rating
- 10-year warranty for defects
- 25-year warranty for output
- Best solution for public and industrial buildings

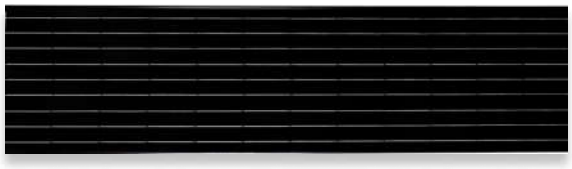


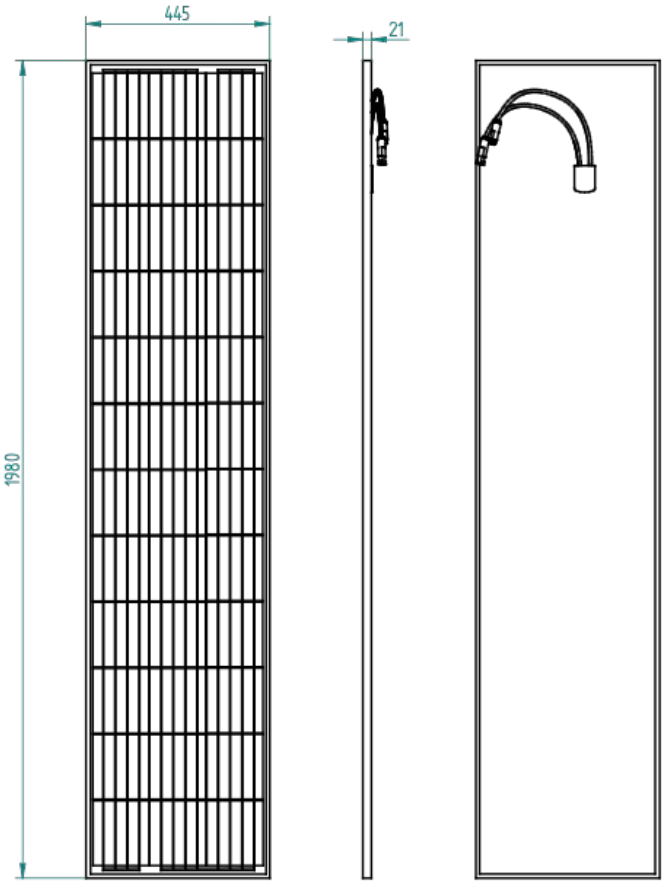
Broad seam compatibility

Roof and cladding

Aesthetics

DRAWINGS





Calculator

Designed for BIPV

Online tool helps automate layout generation and facilitates dimensioning of utility patented Solarstone PV systems. Ask sales representative for access.

solarstone.ee/en/calculator

Standing seam calculator coming Q2 2022

MECHANICAL SPECIFICATIONS

Manufacturer	Solarstone
Model name	S150B2
Cell type	Monocrystalline, 156 x 156 mm
Number of cells	36
Weight (kg)	15
Junction box	1 diode. IP65
Dimensions (mm)	445 x 1980 x 21
Compatible profiles	Ruukki Classic

ELECTRICAL SPECIFICATIONS

Maximum power rating (Pmax)	150
Tolerance of max power rating	+3/-3%
Power temperature coef. (°C)	-0.414 %
Open circuit voltage (Voc)	22,99
Short circuit current (Isc)	14,7
Maximum power voltage (Vmp)	19,4
Maximum power current (Imp)	9,04
Maximum system voltage. DC	1000
Fuse rating (A)	15
Static load test passed (kg/m2)	550
Module efficiency	18%
Output terminal	MC4
Fire rating	Class C

MATERIALS & TESTS

100% Recyclable

CE

- Coated black aluminum frame
- Monocrystalline silicone cells
- Prismatic 3,2mm glass
- Flash testing to ensure rated level of output
- Lead-free solder protects health and the environment
- IEC 61215 & 61730 renewal
- Utility-patented solution (EPO)