



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.

SOLARSTONE BIPV 150W module for metal sheet roofs

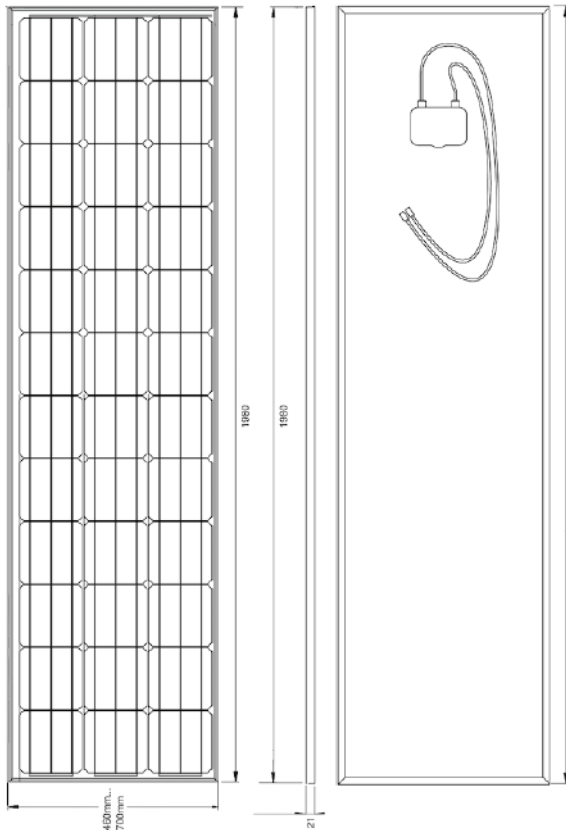
Advantages

- Easy-to-mount BAPV to replace regular solar systems
- Aesthetically attractive
- Weather-proof and highly durable
- Best solution for public and industrial 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 | S150B2 |
| Cell type | Monocrystalline, 156 x 156 mm |
| Number of cells | 36 |
| Maximum power rating (Pmax) | 150 |
| Tolerance of maximum power rating | +3/-3% |
| Power temperature coefficient | -0.414 %/°C |
| Open circuit voltage (Voc) | 22,9 |
| Short circuit current (Isc) | 14,7 |
| Maximum power voltage (Vmp) | 19,4 |
| Maximum power current (Imp) | 9,04 |
| Maximum system voltage | 1000 |
| Fuse rating | 15A |
| Static load test passed | 550 kg/m2 |
| Dimensions (mm) | 450...700 x 1980 x 21 |
| Dimensions (mm, sample) | 530 x 1980 x 21 |
| Weight (kg) | 15kg |
| Module efficiency | 18% |
| Output terminal | MC4 |
| Fire rating | Class C |
| Certifications | IEC 61215 |

