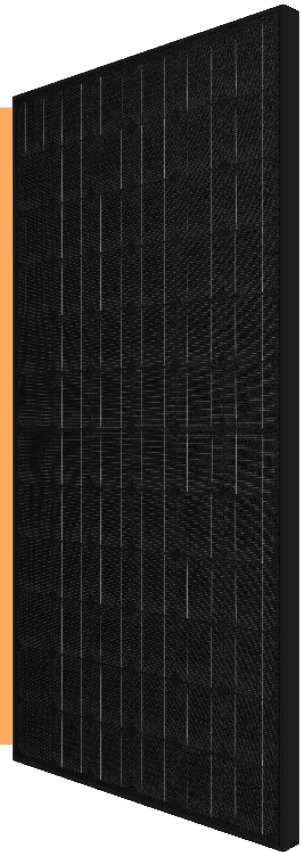
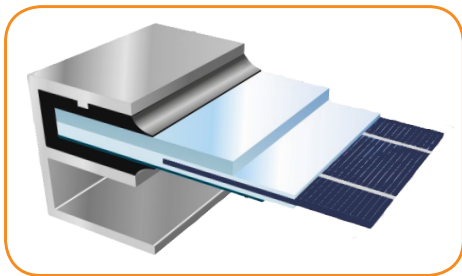


High Power Solar Panel M190-72-b

- Highly transparent glass, tempered and toughened
- Self cleaning surface
- Anodised aluminium frame for extreme conditions
- Maximum power supply thanks to its low shunt resistance and high F factor
- 25 years performance guaranteed



Optimal protection



The special solar glass is highly transparent and has a self cleaning surface. As a result, dirt is reduced and the efficiency increases. The double-room profile makes the frame very strong and results in a perfect linking rigidity. The panel is snow resistant and can resist up to 35mm diameter hailstones as well as a 200kph wind.

High quality solar cells



Nothing but the most efficient cells are used for the M190-72. The cells efficiency level rises up to 17.7%. The M190-72 still produces high levels of current in case of low sun exposure.

Your Megasol supplier

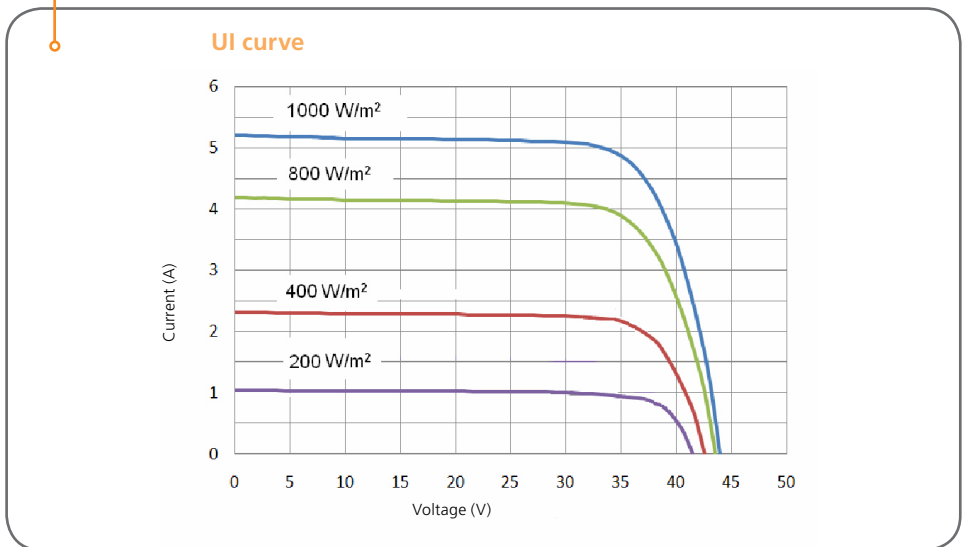
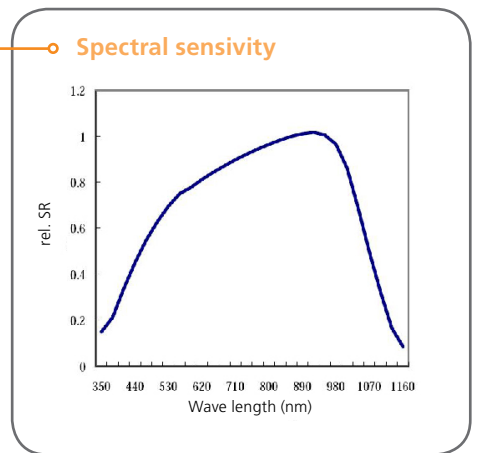
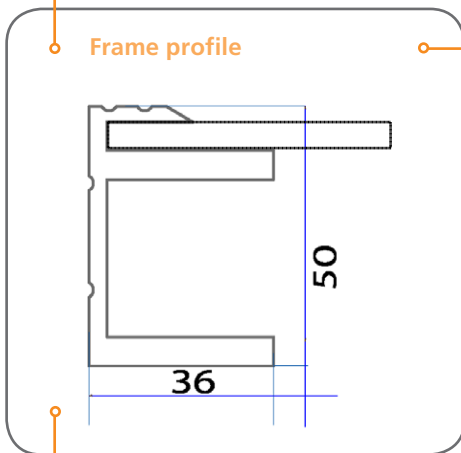
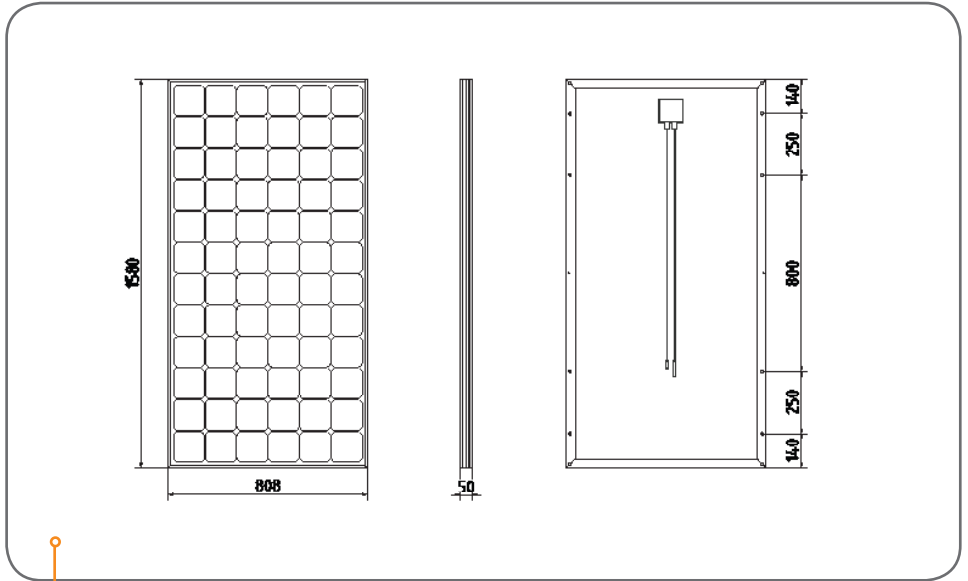


- Qualified, IEC 61215
- Safety tested, IEC 61730
- Periodic Inspection

Megasol Energie AG
Bützbergstrasse 2
CH-4912 Aarwangen

High Power Solar Panel M190-72-b

| Specifications | |
|--|------------------------|
| STC* | 800W/m ² ** |
| Voc 44.5 V | 41.8 V |
| Vpm 36.5 V | 33.2 V |
| Isc 5.52 A | 4.7 A |
| Ipm 5.21 A | 4.39 A |
| Max. Power 190 Wp | 146 Wp |
| Cell type 125x125 mm, monocrystalline | |
| Number of cells 72 cells in series | |
| Applications Grid connected or as a 24V off-grid | |
| Max. system voltage 1000 V | |
| Dimensions 1580 x 808 x 50 mm | |
| Weight 16 kg | |
| Connection box IP65 4 mm ² solar cable with MC4 plug | |
| Glass Tempered and toughened glass | |
| Power tolerance - 0% / +5% | |
| Cell efficiency level/ Panel efficiency level 17.7%/ 14.9% | |
| Temperature rate VOC: -0.34%/°C; ISC: +0.09%/°C, Power: -0.37%/°C | |
| Performance warranty*** 80% performance over 25 years 90% performance over the first 10 years | |
| Protection class: <input checked="" type="checkbox"/> Class A, SKII Max. reverse current: 15 A Recommended string fuse: 8 A, Max. 15 A | |



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*Standardized measures (STC), radiation:1000W/m², cell temperature: 25°C, AM 1.5
**800W/m², NOCT (45°C), AM 1.5
***More about the performance warranty on www.megasol.ch