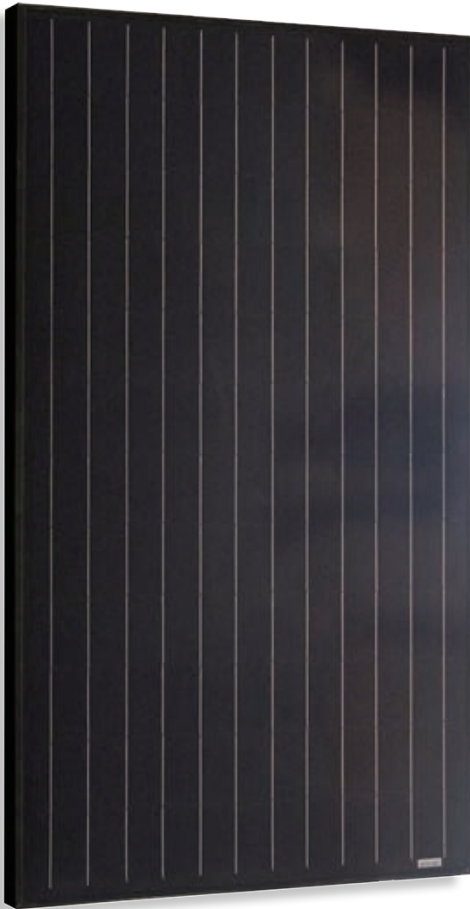
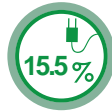




Product Features



Positive tolerance
Guaranteed tolerance +3%
Reliable power output



High module efficiency
Module efficiency up to 15.7%
Cells efficiency up to 18.5%



Strong compressive strength
Certified to withstand high wind of 2400Pa
and snow loads of 5400Pa



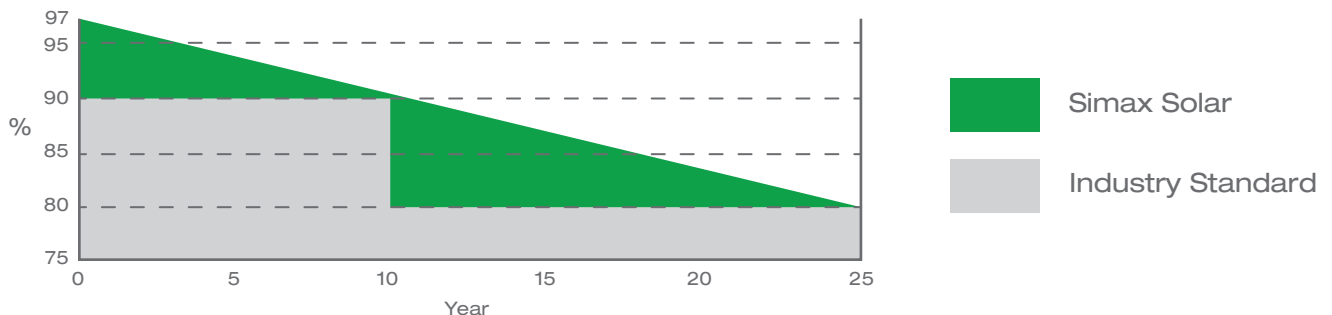
High manufacture standards
certified to high standards by the
most reputable labs According to
IEC:61215: IEC:61730-1/2



International Management System
Manufactured and certified according
to ISO9001, Quality management system

Leading Warranty in PV Industry

- 25 year transferrable power output warranty: 10 years / 90%, 25 years / 80%*
- Linear performance warranty from SIMAX Power
- 12 year material and workmanship warranty



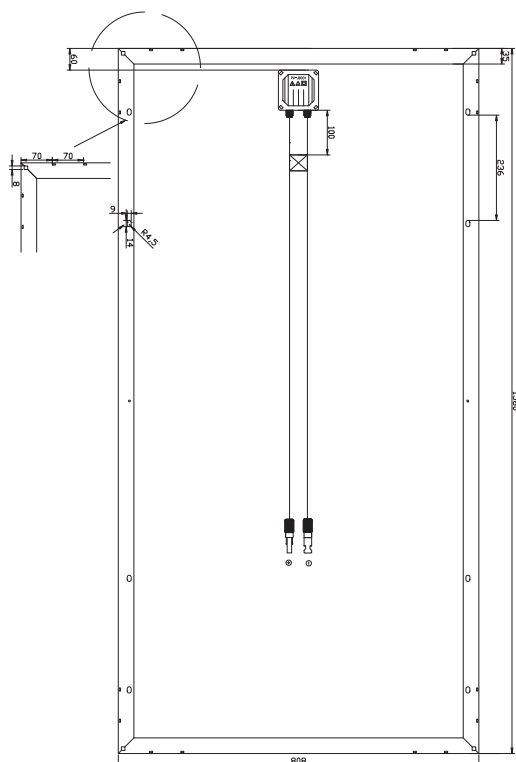
* Please refer to Simax Solar Product Warranty for details.



Electrical Characteristics

| Parameters | SM572-190 | SM572-195 | SM572-200 |
|---|-----------|-----------|-----------|
| Peak power [Wp] P_{mpp} | 190W | 195W | 200W |
| Power Tolerance | 0~+3% | 0~+3% | 0~+3% |
| Module Efficiency (%) | 15.1% | 15.3% | 15.5% |
| Open circuit voltage [V] V_{oc} | 44.5 | 44.5 | 45.1 |
| Maximum Power Voltage [V] (V_{mpp}) | 36.5 | 36.5 | 37.0 |
| Maximum Power Current [A] (I_{mpp}) | 5.21 | 5.34 | 5.41 |
| Short circuit Current [A] (I_{sc}) | 5.52 | 5.77 | 5.88 |

STC: Irradiance : 1000 W/m²; Spectrum AM 1,5; Cell temperature: 25°C; Wind 0 m/s



Mechanical Characteristics

| | |
|--------------|--|
| Solar Cell | Monocrystalline silicon 125 x 125 (mm) |
| No. of Cells | 72 (6 x 12) |
| Dimensions | 1580 x 808 x 35 mm (Option 45 / 50 mm) |
| Weight | 13.5 kg |
| Front Glass | 3.2mm (0.13 inches) tempered glass |
| Frame | Anodized aluminum alloy |

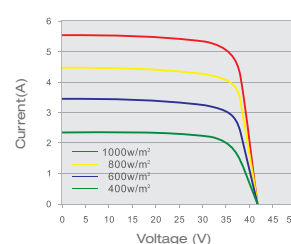
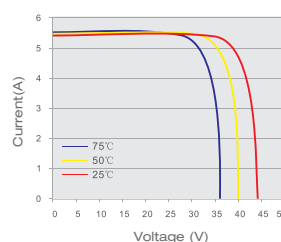
Output

| | |
|--------------|--------------------------------|
| Cable Type | $\varnothing = 4 \text{ mm}^2$ |
| Lengths | L = 900 mm |
| Junction Box | PV - JB001 MC4 |

Temperature Coefficients

| | |
|---|----------------------------|
| Nominal Operating Cell Temperature (NOCT) | $45 \pm 2^\circ\text{C}$ |
| Temperature Coefficient of (P_{max}) | $-0.39\% / ^\circ\text{C}$ |
| Temperature Coefficient of (V_{oc}) | $-0.34\% / ^\circ\text{C}$ |
| Temperature Coefficient of (I_{sc}) | $0.052\% / ^\circ\text{C}$ |

- Provide the best solutions for photovoltaic power generation and technical support
- Provide Cost-effective products
- Provide 12 Years Quality Warranty
- Power out $\geq 90\%$ in 10 years
- Power out $\geq 80\%$ in 25 years



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