

Product Features



Positive tolerance
Guaranteed tolerance +3%
Reliable power output



High module efficiency
Module efficiency up to 15.5%
Cells efficiency up to 17.6%



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



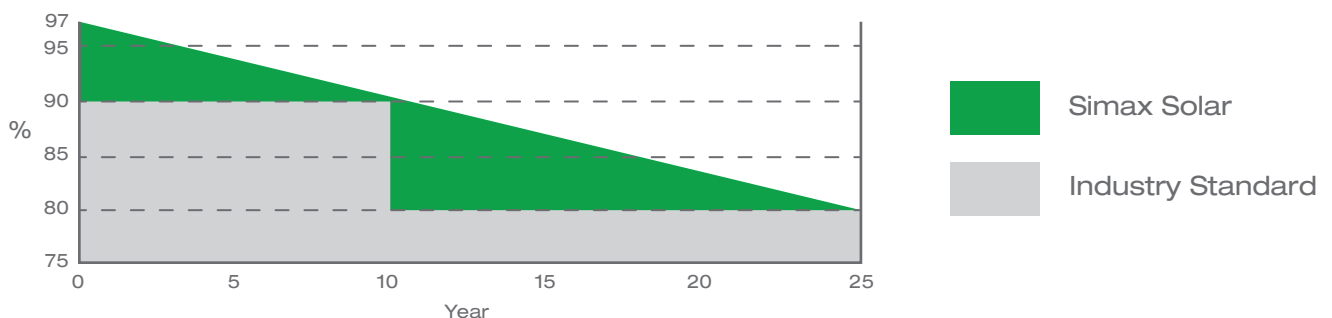
High manufacture standards
certified to high standards by the
most reputable labs According to
IEC:61215: IEC:61730-1/2



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



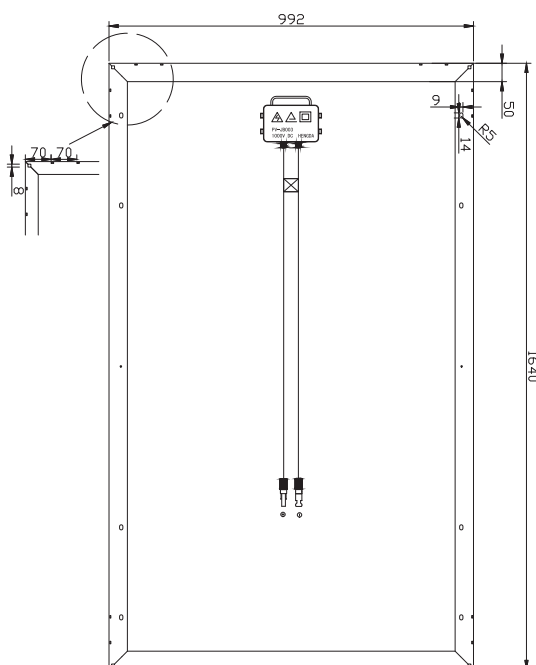
* Please refer to Simax Solar Product Warranty for details.



Electrical Characteristics

Parameters	SP660-230	SP660-235	SP660-240	SP660-245	SP660-250
Peak power [Wp] P_{mpp}	230W	235W	240W	245W	250W
Power Tolerance	0~+3%	0~+3%	0~+3%	0~+3%	0~+3%
Module Efficiency (%)	14.3%	14.5%	14.7%	14.9%	15.2%
Open circuit voltage [V] V_{oc}	36.6	37.2	37.2	37.2	37.8
Maximum Power Voltage [V] (V_{mpp})	29.5	30.0	30.0	30.0	30.5
Maximum Power Current [A] (I_{mpp})	7.80	7.83	8.00	8.17	8.20
Short circuit Current [A] (I_{sc})	8.42	8.46	8.65	8.74	8.85

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



Mechanical Characteristics

Solar Cell	Polycrystalline silicon 156 x 156 (mm)
No. of Cells	60 (6 x 10)
Dimensions	1640 x 992 x 40 mm (Option 45 / 50 mm)
Weight	17.5 kg
Front Glass	3.2mm (0.13 inches) tempered glass
Frame	Anodized aluminum alloy

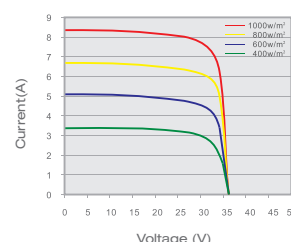
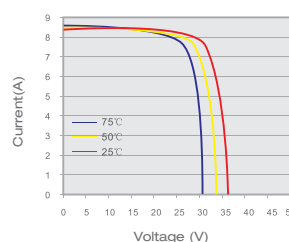
Output

Cable Type	Ø = 4 mm ²
Lengths	L = 900 mm
Junction Box	PV - JB003 MC4

Temperature Coefficients

Nominal Operating Cell Temperature (NOCT)	45 ± 2°C
Temperature Coefficient of (P_{max})	-0.39% / °C
Temperature Coefficient of (V_{oc})	-0.34% / °C
Temperature Coefficient of (I_{sc})	0.035% / °C

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



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