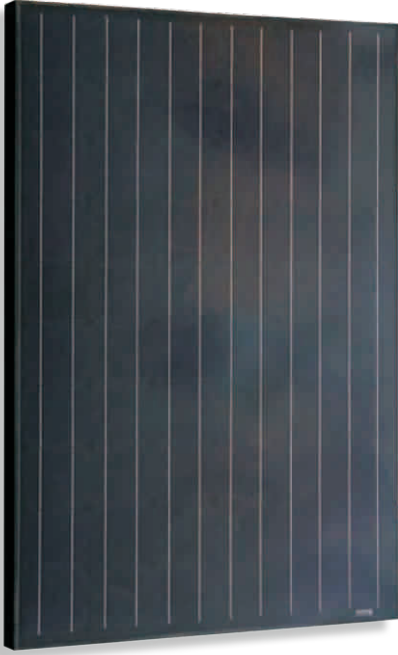


## Product Features



**Positive tolerance**  
Guaranteed tolerance +3%  
Reliable power output



**High module efficiency**  
Module efficiency up to 16.9%  
Cells efficiency up to 19.8%



**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



**Fire test approved**  
Application class A, Safety Class II, Fire Rating C



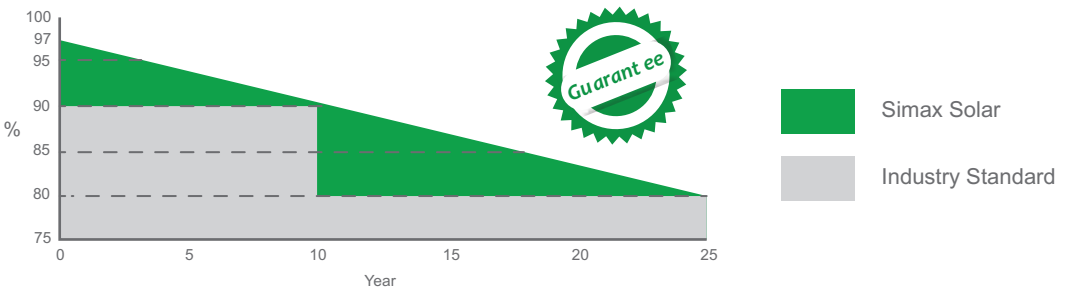
**Excellent performance under extreme condition**  
High salt mist and ammonia resistance



**Reliable quality forever**  
Without potential induced  
degradation(PID-free)

## 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

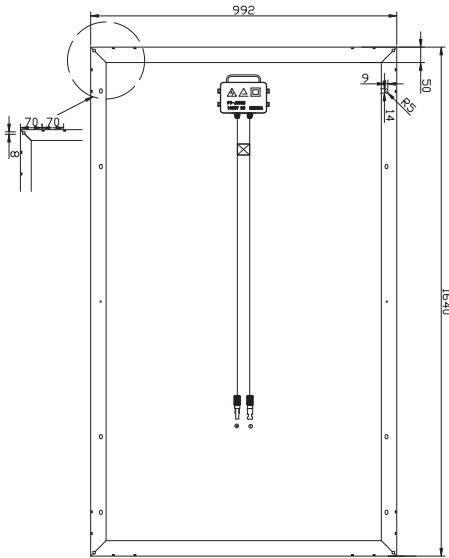


\* Please refer to Simax Solar Product Warranty for details.

**Electrical Characteristics**

Parameters	SM660-255		SM660-260		SM660-265		SM660-270		SM660-275	
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Peak power [Wp] P <sub>mp</sub>	255W	192W	260W	196W	265W	200W	270W	203W	275W	207W
Open circuit voltage [V] V <sub>oc</sub>	38.3	35.3	38.7	35.4	38.9	35.4	39.0	35.5	39.0	35.7
Maximum Power Voltage [V] (V <sub>mp</sub> )	30.9	27.6	31.2	27.8	31.3	27.8	31.5	27.9	31.5	28.0
Maximum Power Current [A] (I <sub>mp</sub> )	8.25	6.96	8.33	7.05	8.47	7.19	8.57	7.28	8.73	7.39
Short circuit Current [A] (I <sub>sc</sub> )	8.90	7.27	9.01	7.35	9.22	7.40	9.30	7.55	9.37	7.63
Power Tolerance	0~+3%		0~+3%		0~+3%		0~+3%		0~+3%	
Module Efficiency (%)	15.7%		16.0%		16.3%		16.6%		16.9%	

STC: Irradiance : 1000 W/m<sup>2</sup> ; Spectrum AM 1.5; Cell temperature: 25°C; Wind 0 m/s  
 NOCT: Irradiance: 800W/m<sup>2</sup> ; Spectrum AM 1.5; ambient temperature 20°C, wind speed 1 m/s



**Mechanical Characteristics**

Solar Cell	Monocrystalline 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

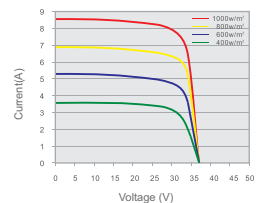
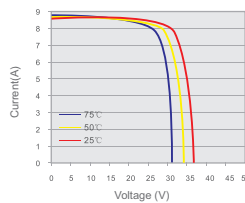
**Output**

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

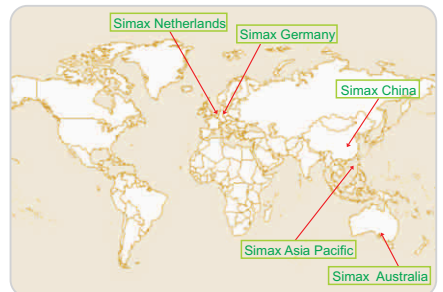
**Temperature Coefficients**

Nominal Operating Cell Temperature (NOCT)	45 ± 2°C
Temperature Coefficient of (P <sub>max</sub> )	-0.39% / °C
Temperature Coefficient of (V <sub>oc</sub> )	-0.34% / °C
Temperature Coefficient of (I <sub>sc</sub> )	0.036% / °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



**Global standby to ensure response within 24 hours**  
 Australia and Europe office were established to give better services to customers



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