



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



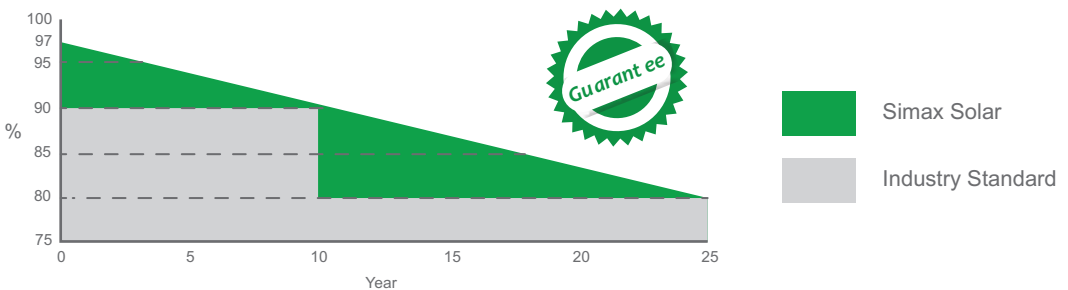
Excellent performance under extreme condition
 High salt mist and ammonia resistance



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 _{mpp}	255W	192W	260W	196W	265W	200W	270W	203W	275W	207W
Open circuit voltage [V] V _{oc}	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 _{mpp})	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 _{mpp})	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 _{sc})	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/m²; Spectrum AM 1.5; Cell temperature: 25°C; Wind 0 m/s
 NOCT: Irradiance: 800W/m²; Spectrum AM 1.5; ambient temperature 20°C, wind speed 1 m/s

Mechanical Characteristics

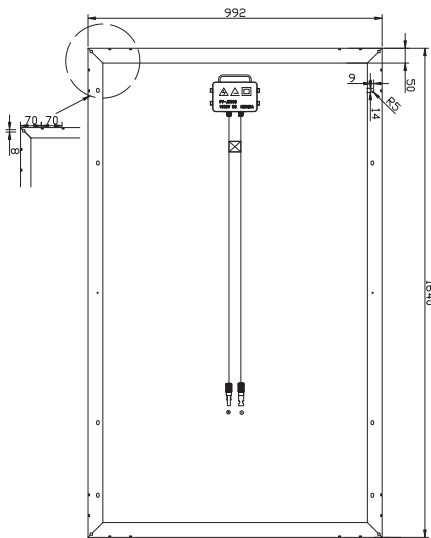
Solar Cell	Monocrystalline silicon 156 x 156 (mm)
No. of Cells	60 (6 x 10)
Dimensions	1640 x 992 x 40 mm (Option 45 / 50 mm)
Weight	17.5 kg
Front Glass	3.2mm (0.13 inches) tempered glass
Frame	Anodized aluminum alloy

Output

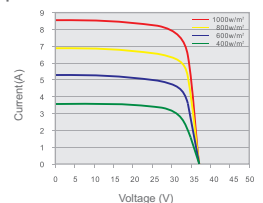
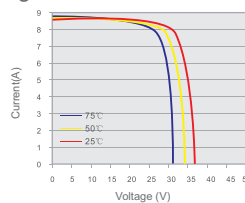
Cable Type	Ø = 4 mm ²
Lengths	L = 900 mm
Junction Box	PV - JB003 MC4

Temperature Coefficients

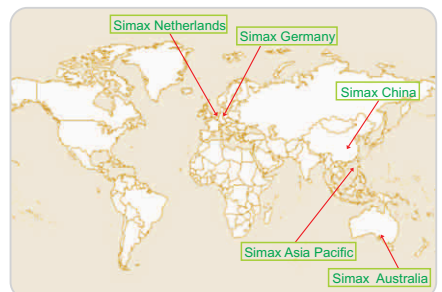
Nominal Operating Cell Temperature (NOCT)	45 ± 2°C
Temperature Coefficient of (P _{max})	-0.39% / °C
Temperature Coefficient of (V _{oc})	-0.34% / °C
Temperature Coefficient of (I _{sc})	0.036% / °C



- 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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