



## SIMAX 156 Solarmodule (SP660-230W-235W-240W-245W-250W)

### Mechanical Characteristics

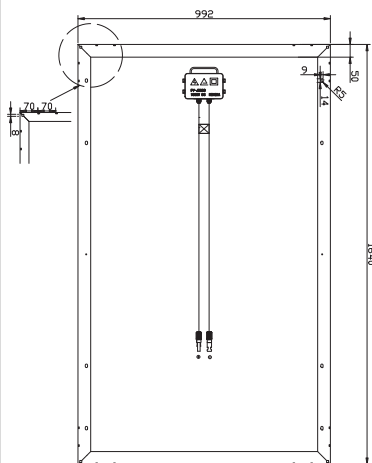
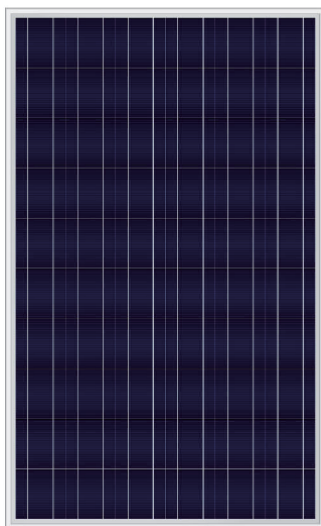
Solar Cell	Polycrystalline silicon 156x156(mm)
No. of Cells	60 ( 6 x 10 )
Dimensions	1640 x 992 x 40 / 50 (mm)
Weight	20 kg
Front Glass	3.2mm (0.13 inches) tempered glass
Frame	Anodized aluminum alloy

### Output

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

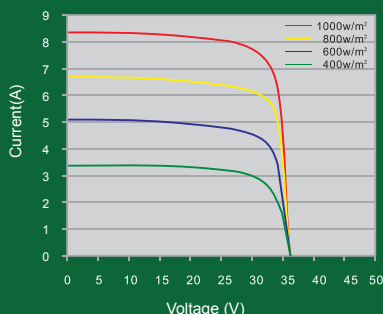
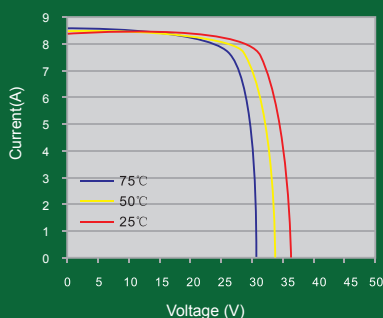
### Temperature Coefficients

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> )	0.035% / °C



**Photon**

Parameters	SP660-230	SP660-235	SP660-240	SP660-245	SP660-250
Peak power [Wp] P <sub>mpp</sub>	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 <sub>oc</sub>	36.6	37.2	37.2	37.2	37.8
Maximum Power Voltage [V] (V <sub>mpp</sub> )	29.5	30.0	30.0	30.0	30.5
Maximum Power Current [A] (I <sub>mpp</sub> )	7.80	7.83	8.00	8.17	8.20
Short circuit Current [A] (I <sub>sc</sub> )	8.42	8.46	8.65	8.74	8.85



STC: Irradiance : 1000 W/m<sup>2</sup>; Spectrum AM 1,5; Cell temperature: 25°C; Wind 0 m/s

- 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

**Simax Green New Energy (Europa) GmbH**  
 Mergenthaler Allee 23 / 25  
 65760 Eschborn / Germany  
 Tel.: +49 6196 9739 525  
 Fax: +49 6196 5929 684  
 info@simaxsolar.com  
 www.simaxsolar.de

**Simax (Suzhou) Green New Energy Co.,ltd**  
 Address: No. 567 Suzhou Road, Taicang city,  
 Jiangsu province, China  
 P.C.: 215400  
 Tel: +86 512 5337 8555  
 Fax: +86 512 5337 8556  
 info@simaxsolar.com  
 www.simaxsolar.com

**Simax (Australia) Green New Energy Pty Ltd**  
 5/78 Frankston Gardens Drive,  
 Carrum Downs, VIC 3210  
 Tel: +61 03 9708 2400  
 Fax: +61 03 9708 2482  
 info@simaxsolar.com  
 www.simaxsolar.com.au