

SV6P60—Module Specifications:

1. Electrical characteristics

1.1 Electrical characteristics at STC

P_{max} , V_{oc} , I_{sc} , V_{mp} and I_{mp} at STC ($1000W/m^2$, $25\pm 2^\circ C$, AM 1.5);

All electrical specifications are +/-3%.

Maximum Power (P_{max})	210W	220W	230W	240W	250W
Open Circuit Voltage (V_{oc})	35.95V	36.3V	36.8V	37.1V	37.3V
Short Circuit Current (I_{sc})	7.82A	8.12A	8.35A	8.51A	8.82A
Maximum Power Voltage (V_{mp})	28.9V	29.2V	29.6V	29.8V	30.1V
Maximum Power Current (I_{mp})	7.27A	7.54A	7.78A	8.06A	8.31A
Module Efficiency (%)	12.9	13.5	14.1	14.8	15.4
Cell Efficiency (%)	14.4	15.1	15.8	16.5	17.2

1.2 Electrical characteristics at NOCT

P_{max} , V_{oc} , I_{sc} , V_{mp} and I_{mp} at $800W/m^2$, $45\pm 3^\circ C$, AM 1.5;

All electrical specifications are +/-3%.

Maximum Power (P_{max})	153W	160W	168W	175W	182W
Open Circuit Voltage (V_{oc})	32.3V	32.7V	33.1V	33.4V	33.6V
Short Circuit Current (I_{sc})	6.32A	6.56A	6.75A	6.87A	7.12A
Maximum Power Voltage (V_{mp})	26.1V	26.3V	26.5V	26.9V	27.1V
Maximum Power Current (I_{mp})	5.88A	6.10A	6.30A	6.55A	6.72A

1.3 Temperature Coefficients

Temperature Coefficients of P	-0.4%/°C
Temperature Coefficients of V	-0.38%/°C
Temperature Coefficients of I	+0.04%/°C

1.4 Maximum System Voltage

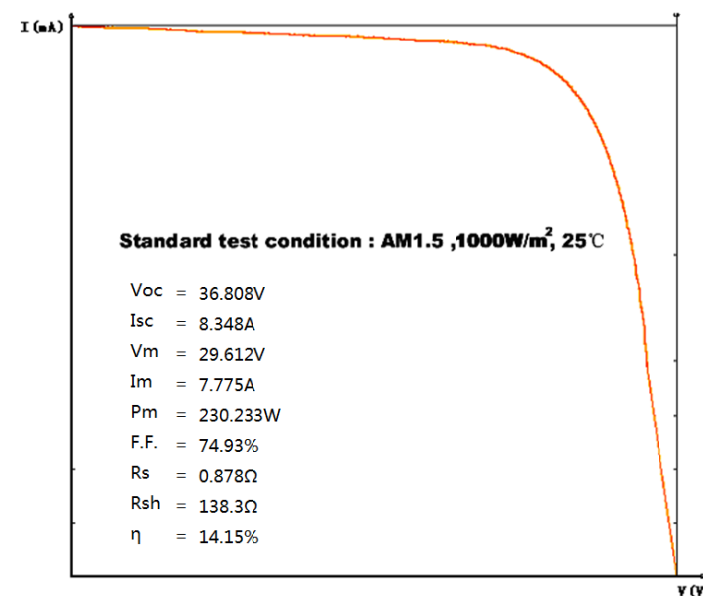
Maximum System Voltage	1000V
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2. Mechanical characteristics

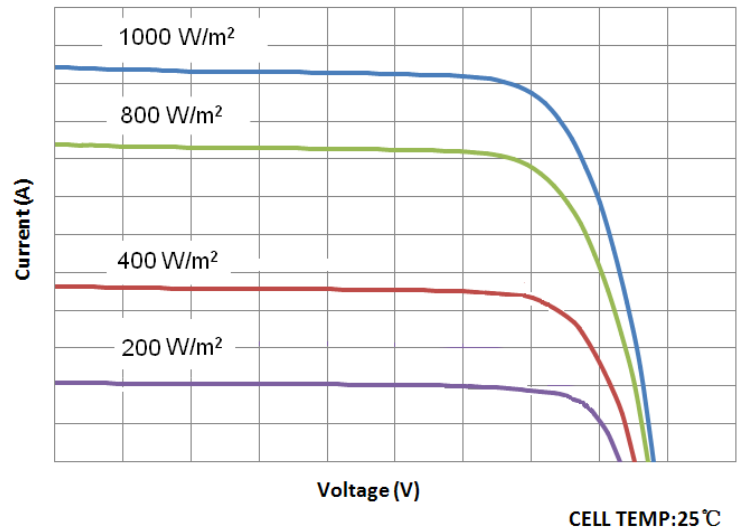
Cell Technology	156mm×156mm Poly-Si
Number of Cells (Pcs)	60(6×10)
Dimensions	1640mm×992mm×50mm]
Output Cables	dia.: 4mm; length: 900mm
Weight	19.5kg
Frame	Aluminum-alloy
Front / Encapsulant / Back	tempered glass / EVA / PPE

3. I-V characteristic curve

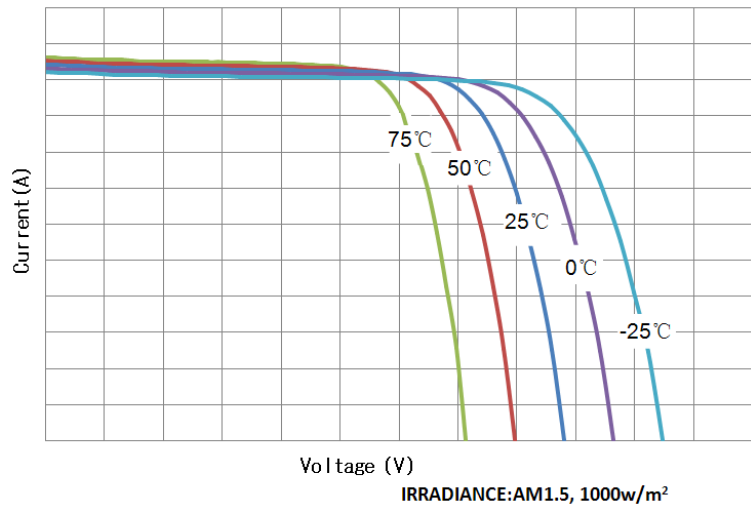
3.1 I-V characteristic curve of module at STC



3.2 I-V characteristics curve at various irradiance levels



3.3 I-V characteristics curve at various cell temperatures



4. Basic Dimensions

