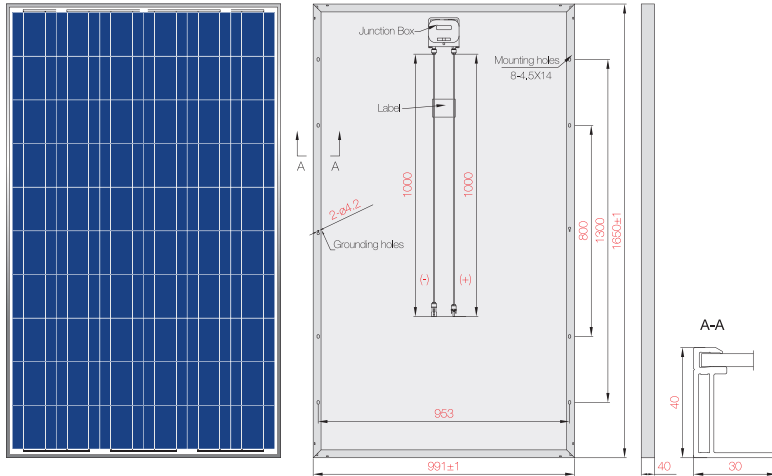
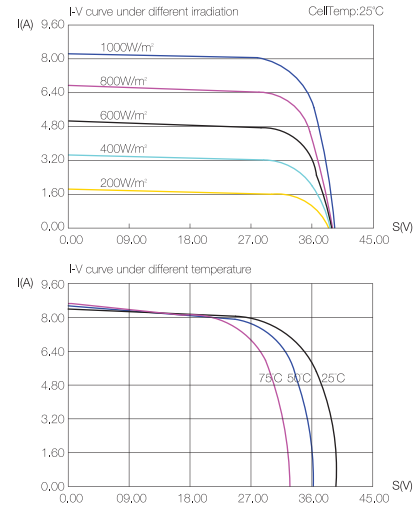


JAP6 60/200-250 SOLAR PHOTOVOLTAIC MODULE



I-V CURVE

Output under different irradiation and the correlation between Isc/Voc/ Pmax and Temperature map



MECHANICAL PARAMETERS

| | |
|---|------------------|
| Cell (mm) | Poly 156x156 |
| Weight (kg) | 19.5 |
| Dimensions (LxWxH) (mm) | 1650x991x40 |
| Cable Length (mm) | ≥ 1000 |
| Cable cross section size (mm ²) | 4 |
| No. of cells and connections | 60 (10x6) |
| No. of diodes | 3 |
| Packing configuration | 25 Pcs. / Pallet |

WORKING CONDITIONS

| | |
|---------------------------------|----------------------------|
| Maximum System Voltage | DC 1000V (TUV) / 600V (UL) |
| Operating Temp. | -40°C~+85°C |
| Maximum Series Fuse | 15 A |
| Max. Wind Load / Max. Snow Load | 2400Pa / 5400Pa |
| Grounding conductivity | < 0.1Ω |
| NOCT | 47±2°C |
| Application Class | Class A |
| Insulation Resistance | ≥ 100MΩ |

ELECTRICAL PARAMETERS

| TYPE | JAP6-60-200 | JAP6-60-205 | JAP6-60-210 | JAP6-60-215 | JAP6-60-220 | JAP6-60-225 | JAP6-60-230 | JAP6-60-235 | JAP6-60-240 | JAP6-60-245 | JAP6-60-250 |
|--|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Rated Maximum Power at STC (W) | 200 | 205 | 210 | 215 | 220 | 225 | 230 | 235 | 240 | 245 | 250 |
| Open Circuit Voltage (Voc/V) | 36.15 | 36.32 | 36.49 | 36.66 | 36.83 | 37.00 | 37.17 | 37.34 | 37.51 | 37.68 | 37.85 |
| Maximum Power Voltage (Vmp/V) | 28.12 | 28.32 | 28.52 | 28.72 | 28.92 | 29.12 | 29.32 | 29.52 | 29.72 | 29.92 | 30.12 |
| Short Circuit Current (Isc/A) | 7.80 | 7.89 | 7.97 | 8.06 | 8.14 | 8.23 | 8.31 | 8.40 | 8.48 | 8.57 | 8.65 |
| Maximum Power Current (Imp/A) | 7.11 | 7.24 | 7.36 | 7.49 | 7.61 | 7.73 | 7.84 | 7.96 | 8.08 | 8.19 | 8.30 |
| Module Efficiency [%] | 12.23 | 12.54 | 12.84 | 13.15 | 13.45 | 13.76 | 14.07 | 14.37 | 14.68 | 14.98 | 15.29 |
| Power Tolerance (W) | 0~+5 | | | | | | | | | | |
| Temperature Coefficient of Isc (αIsc) | +0.040%/°C | | | | | | | | | | |
| Temperature Coefficient of Voc (βVoc) | -0.304%/°C | | | | | | | | | | |
| Temperature Coefficient of Pmax (γPmp) | -0.420%/°C | | | | | | | | | | |

GUARANTEE

10-year limited product warranty

Limited performance warranty: 10 years at 90% of the minimal rated power output, 25 years at 80% of the minimal rated power output

