

Mechanical Characteristics

| | |
|-----------------------|--|
| Number of cells (pcs) | 72 |
| Size of cell (mm) | 158.75*158.75 |
| Type of cell | Mono |
| Type of frame | Anodized aluminum alloy |
| Junction box | IP68 (1m, 1h) |
| Size of module (mm) | 1980*1002*40 / 1976*1000*40 |
| Weight (kg) | 22.7 / 21.3 / 21.2 |
| Cables/connectors | H1Z2Z2-K,4mm ² ,01C / 05-6 / TL-Cable01 / Staubli MC4 |

Maximum Ratings

| | |
|---------------------------|--------------------------------------|
| Operating Temperature(°C) | -40~85 |
| Operating Humidity(%) | 5~85 |
| Allowable Hail Load | 25mm ice-ball with velocity of 23m/s |

Packing Configuration

| | |
|------------------------|----------------|
| Pieces per pallet | 26 |
| Size of packing (mm) | 2016*1120*1150 |
| Weight of packing (kg) | 640 |
| Pieces per container | 572 |
| Size of container | 40' HC |

Electrical Characteristics

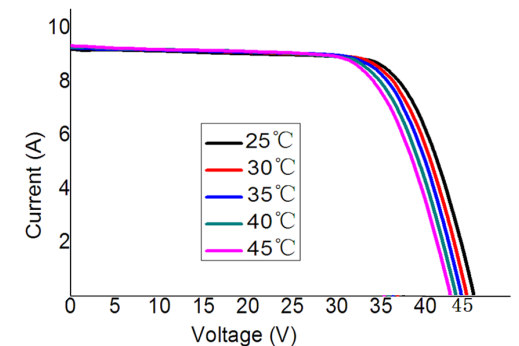
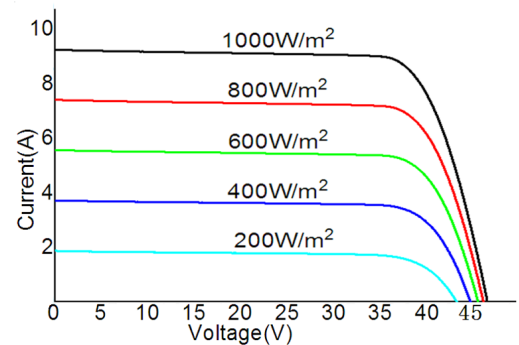
| STC | EG-375 M72-D | EG-380 M72-D | EG-385 M72-D | EG-390 M72-D | EG-395 M72-D |
|----------------------------|--|--------------|--------------|--------------|--------------|
| Pmax (W) | 375 | 380 | 385 | 390 | 395 |
| Vmp (V) | 38.91 | 39.10 | 39.29 | 39.48 | 39.66 |
| Imp (A) | 9.64 | 9.72 | 9.80 | 9.88 | 9.96 |
| Voc (V) | 48.31 | 48.50 | 48.69 | 48.88 | 49.06 |
| Isc (A) | 10.10 | 10.18 | 10.26 | 10.34 | 10.42 |
| Module efficiency (%) | 18.90 | 19.15 | 19.40 | 19.65 | 19.90 |
| Maximum system voltage (V) | 1000 | | | | |
| Fuse Rating Current (A) | 15 / 20 | | | | |
| Tolerance (%) | Pmax: ±3% Binning: ±5W、Voc: ±5%、Isc: ±5% | | | | |
| Temperature coefficient | Pmax (%/°C) | -0.390 | | | |
| | Isc (%/°C) | 0.039 | | | |
| | Voc (%/°C) | -0.295 | | | |

STC: Irradiance 1000W/m², module temperature 25°C, AM=1.5

| NOCT | EG-375 M72-D | EG-380 M72-D | EG-385 M72-D | EG-390 M72-D | EG-395 M72-D |
|-----------------|------------------------|--------------|--------------|--------------|--------------|
| Pmax (W) | 277 | 281 | 285 | 289 | 292 |
| Vmp (V) | 35.65 | 35.89 | 36.08 | 36.31 | 36.37 |
| Imp (A) | 7.77 | 7.83 | 7.90 | 7.96 | 8.03 |
| Voc (V) | 44.26 | 44.52 | 44.71 | 44.95 | 45.00 |
| Isc (A) | 8.14 | 8.20 | 8.27 | 8.34 | 8.40 |
| Power tolerance | Pmax: ±3% Binning: ±5W | | | | |

NOCT: Irradiance 800W/m², ambient temperature 20°C, wind speed 1m/s

I-V Curves



Made In China

Changzhou EGING Photovoltaic Technology Co., Ltd



Specifications in this catalog sheet are subject to technical changes and product innovations. EGING PV reserves the right of final interpretation.