



Just for green energy

JST MODULE Polycrystalline

JST80P

Features

- ✦ High module conversion efficiency, through superior manufacturing technology
- ✦ Guaranteed 0% to +3% Power Tolerance
- ✦ Entire module certificated to withstand high wind loads and snow loads (5400Pa)
- ✦ Anodized aluminum is mainly for improving corrosion resistance.
- ✦ Highly transparent, low-iron, tempered glass, and antireflective coating
- ✦ Excellent performance under low light environments

Benefits

- ✦ 25-year warranty on power output; 10-year warranty on materials and workmanship
- ✦ Product liability insurance
- ✦ Local technical support
- ✦ Local warehousing
- ✦ 48 hour-response service
- ✦ Enhanced design for easy installation and
- ✦ long term reliability



CYMASOL ENERGIAS RENOVABLES

VALLE DE GUERRA- LA LAGUNA. SANTA CRUZ DE TENERIFE

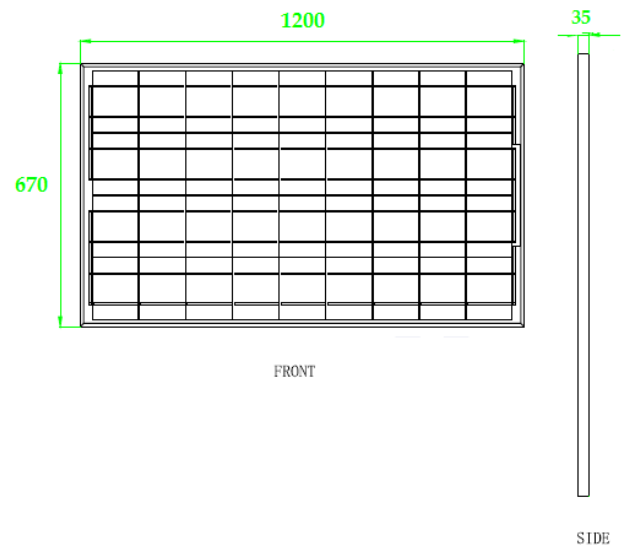
TLF/FAX: 922 158 309 – 646 455 823

info@cymasol.com – www.cymasol.com

ELECTRICAL SPECIFICATIONS

| | |
|------------------------------------|------------|
| Model Type | JST80P(72) |
| Peak Power (Pmax) | 80W |
| Module Efficiency | 11.29% |
| Maximum Power Voltage (Vmp) | 37.2V |
| Maximum Power Current (Imp) | 2.15A |
| Open Circuit Voltage (Voc) | 44.8V |
| Short Circuit Current (Isc) | 2.45A |
| Power Tolerance | ±3% |
| Maximum System Voltage | 1000V |
| Nominal Operating Cell Temperature | 44.4±2°C |
| Maximum Series Fuse Rating | 15A |

PHYSICAL CHARACTERISTICS Unit: mm (inch)



MECHANICAL SPECIFICATIONS

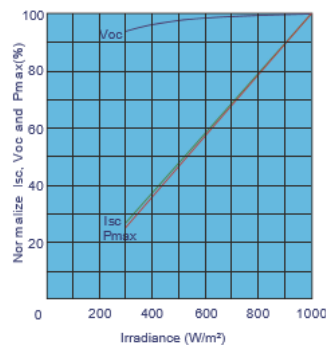
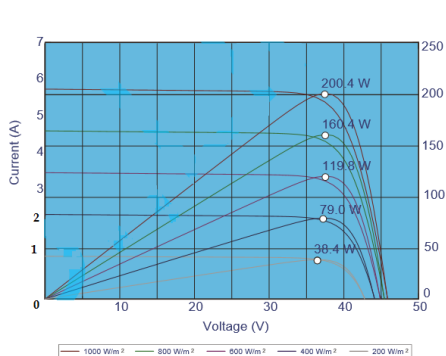
| | |
|-----------------|------------------|
| Cell Type | 156×156mm |
| Number of Cells | 72 (12×6) |
| Weight | 8.6kg |
| Dimension | 1200 x 670x 35mm |
| Max Load | 5400 Pascals |
| Junction Box | IP67 rated MC4 |
| Connector | Compatible PV |
| Wire Type | Wire |

TEMPERATURE COEFFICIENT

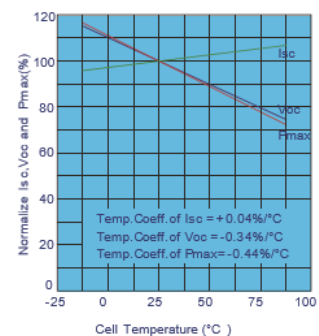
| | |
|--------------------------------|------------|
| Temp. Coeff. of Isc (TK Isc) | 0.04% /°C |
| Temp. Coeff. of Voc (TK Voc) | -0.34% /°C |
| Temp. Coeff. of Pmax (TK Pmax) | -0.44% /°C |

ELECTRICAL CHARACTERISTICS

Irradiance Dependence of Isc, Voc and Pmax
(Cell Temperature: 25°C)



Temperature Dependence of Isc, Voc and Pmax



CYMASOL ENERGIAS RENOVABLES
 VALLE DE GUERRA- LA LAGUNA. SANTA CRUZ DE TENERIFE
 TLF/FAX: 922 158 309 – 646 455 823
info@cymasol.com – www.cymasol.com