

Technical Data

| Sol ² M08M | |
|-----------------------|----|
| Monocrystalline cells | 36 |

Electrical Data

STC (Standard Test Conditions: 1000W/m², 25°C, AM 1.5)

| | | | |
|------------------------------|--------|--------|--------|
| Maximum Power Output [Pmax] | 8W | 10W | 12W |
| Tolerance | ±3% | ±3% | ±3% |
| Maximum Power Voltage [Vmax] | 17.79V | 17.85V | 17.92V |
| Open Circuit Voltage [Vmax] | 21.71V | 21.73V | 21.76V |
| Maximum Power Current [Imax] | 0.45A | 0.56A | 0.67A |
| Short Circuit Current [Isc] | 0.51A | 0.61A | 0.74A |



Temperature Data

| | |
|----------------------------------|-----------|
| Temperature Coefficients of Pmax | -0.47%/°C |
| Temperature Coefficients of Voc | -0.38%/°C |
| Temperature Coefficients of Isc | +0.1%/°C |

Safety Data

| | |
|---------------------------|--------------------|
| High Voltage Test | 3000V DC max, 50mA |
| Surface Maximum Load Test | 200kg/sq.m |

Mechanical Data

| | |
|----------------|----------|
| Material | Aluminum |
| L x W [mm] | 410x280 |
| Thickness [mm] | 25 |
| Weight [kg] | 1.6 |

Highlights Of Modules

- Tested by EL (electroluminescence) technology
- High efficiency of selected cells
- High transmittance, low iron tempered glass with enhanced stiffness and impact resistance
- Anodized aluminum frame with high mechanical strength for easy installation
- Anti-aging EVA and high frame resistant back sheet, to provide long life and enhanced cell performance
- Outstanding electrical performance under high temperatures and low irradiance conditions

Warranties

- 5 Years Materials and Workmanship
- 10 years ≥ 90% Power Output
- 25 years ≥ 80% Power Output
- Quality assurance by 6 different International Insurance Companies

Certificates

