

Technical Data

Sol ² M75M	
Monocrystalline cells	36

Electrical Data

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

Maximum Power Output [Pmax]	75W	80W	85W
Tolerance	±3%	±3%	±3%
Maximum Power Voltage [Vmax]	17.4V	17.6V	17.8V
Open Circuit Voltage [Vmax]	21.7V	21.9V	21.1V
Maximum Power Current [Imax]	4.31A	4.55A	4.78A
Short Circuit Current [Isc]	4.64A	4.85A	5.06A



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]	930x670
Thickness [mm]	35
Weight [kg]	7.2

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

