SOLSQUARE

Sol² M-Series

Quality Modules

Technical Data

	Sol²M250P
Polycrystalline cells	72

Electrical Data

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

Maximum Power Output [Pmax]	250W	260W	270W
Tolerance	±3%	±3%	±3%
Maximum Power Votage [Vmax]	34.4V	34.9V	35.3V
Open Circuit Voltage [Vmax]	43.2V	43.6V	43.8V
Maximum Power Current [Imax]	7.26A	7.45A	7.64A
Short Circuit Current [Isc]	7.82A	7.90A	8.10A

Temperature Data

Temperature Coefficients of Pmax	-0.47%/°C
Temperature Coefficients of Voc	-0.38%/°C
Temperature Coefficients of Isc	+0.04%/°C

Safety Data

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

Mechanical Data

Matterial	Aluminum
L x W [mm]	1956x992
Thickness [mm]	50
Weight [kg]	23

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

BM TRADA ISO 9001:2000 CE