

MONOCRYSTALLINE SILICON F-SERIES MODULE

SPECIFICATION		TOLERANCE		
Cells	Mono crystal Si 125mm×125mm pseudo square	Parameter	Values	Unit
		Operating temperature	-40 +85	°C
Number of cells	72 series connected	Hail diameter @ 80Km/h	Up to 25	mm
Typical application	24V DC	Continuous wind pressure	Up to 130	Km/h
Maximum voltage	1000V DC	CONNECTION TERMINALS		
Size	mm 1580 (L) × 808(W) × 35(H)			
Weight	16 Kg			
Front glass	3.2 mm thick			
		Connector type	0.90m wire (Φ4mm ²) Connector type with MC connector	

ELECTRICAL TYPICAL VALUES (1)

Model	Rating Power (Pm)	Tolerance	Rated Current (Im)	Rated Voltage (Vm)	Short Circuit Current (Isc)	Open Circuit Voltage (Voc)
SE-160M24/F	160Wp	± 3%	4.74A	33.8V	5.21A	43.9V
SE-165M24/F	165Wp	± 3%	4.81A	34.3V	5.26A	44.1V
SE-170M24/F	170Wp	± 3%	4.89A	34.8V	5.31A	44.3V
SE-175M24/F	175Wp	± 3%	4.96A	35.3V	5.36A	44.5V
SE-180M24/F	180Wp	± 3%	5.03A	35.8V	5.41A	44.7V
SE-185M24/F	185Wp	± 3%	5.10A	36.3V	5.46A	44.9V

NOCT:48°C ±2°C

NOCT:Nominal Operation Cell Temperature

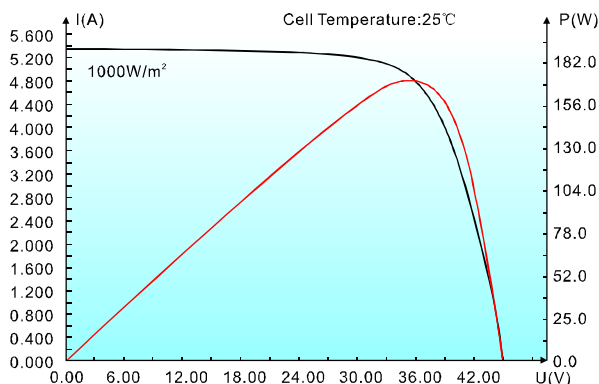
Voltage Temperature coefficient: -0.16V/°C

Current Temperature coefficient: 0.06%/°C

Power Temperature coefficient: -0.45%/°C

Note: defined as standard deviation of thousands measurements. Absolute power values depend on the measuring system. They can differ by +/- 3% from one measuring system to another.

CHARACTERISTIC CURVES



DIMENSIONS

