



F系列-单晶硅电池组件

MONOCRYSTALLINE SILICON

F-SERIES MODULE

SPECIFICATION		TOLERANCE		
Cells	Mono crystal Si 125mm×125mm pseudo square	Parameter	Values	Unit
Number of cells	72 series connected	Operating temperature	-40 +85	℃
Typical application	24V DC	Hail diameter @ 80Km/h	Up to 25	mm
Maximum voltage	1000V DC	Continuous wind pressure	Up to 130	Km/h
Size	mm 1580 (L) × 808(W) × 35(H)	CONNECTION TERMINALS		
Weight	16 Kg	Connector type	0.90m wire (Φ4mm ²)	
Front glass	3.2 mm thick		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)
SE155M24/F	155W	± 3%	4.66A	33.3V	5.16A	43.7V
SE160M24/F	160W	± 3%	4.74A	33.8V	5.21A	43.9V
SE165M24/F	165W	± 3%	4.81A	34.3V	5.26A	44.1V
SE170M24/F	170W	± 3%	4.89A	34.8V	5.31A	44.3V
SE175M24/F	175W	± 3%	4.96A	35.3V	5.36A	44.5V
SE180M24/F	180W	± 3%	5.03A	35.8V	5.41A	44.7V

NOCT:48℃ ±2℃ NOCT:Nominal Operation Cell Temperature	Voltage Temperature coefficient: -0.16V/℃ Current Temperature coefficient: 0.06%/℃ Power Temperature coefficient: -0.45%/℃
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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

