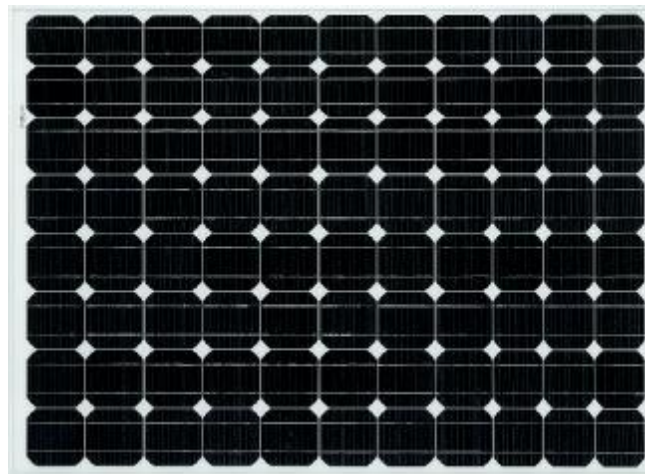


Solar Energy

power plus

MONOCRYSTALLINE SILICON E-SERIES MODULE



SPECIFICATION		TOLERANCE		
Cells	Mono crystal Si 125mm×125mm pseudo square	Parameter	Values	Unit
Number of cells	88series connected	Operating temperature	-40 +85	°C
Typical application	30V DC	Hail diameter @ 80Km/h	Up to 25	mm
Maximum voltage	1000V DC	Continuous wind pressure	Up to 130	Km/h
Size	mm 1462 (L) × 1064(W) × 50(H)	CONNECTION TERMINALS		
Weight	19 Kg	Connector type	0.90m wire (Φ4 or 6mm 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)
SE190M30/E	190W	± 3%	4.68A	40.6V	5.17A	53.5V
SE200M30/E	200W	± 3%	4.81A	41.6V	5.26A	53.9V
SE210M30/E	210W	± 3%	4.93A	42.6V	5.35A	54.3V

NOCT:48°C ±2°C

NOCT:Nominal Operation Cell Temperature

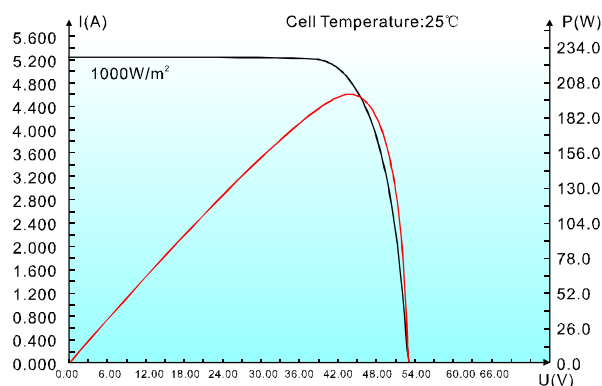
Voltage Temperature coefficient: -0.19V/°C

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

