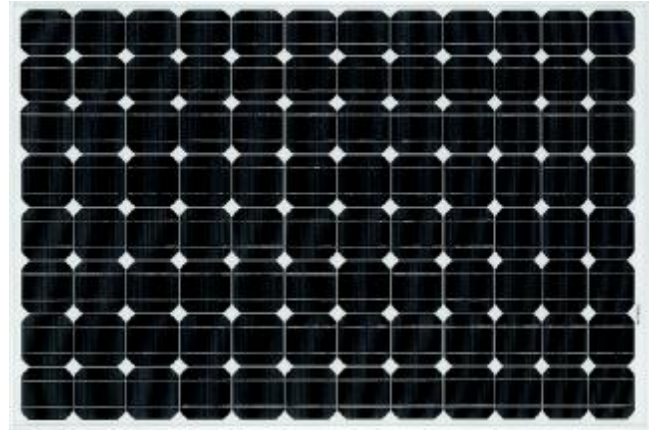


Solar Energy

power plus

MONOCRYSTALLINE SILICON D-SERIES MODULE



SPECIFICATION		TOLERANCE		
Cells	Mono crystal Si 125mm×125mm pseudo square	Parameter	Values	Unit
Number of cells	96 series/parallel connected	Operating temperature	-40 +85	°C
Typical application	33V DC	Hail diameter @ 80Km/h	Up to 25	mm
Maximum voltage	1000V DC	Continuous wind pressure	Up to 130	Km/h
Size	mm 1590 (L) × 1064(W) × 50(H)	CONNECTION TERMINALS		
Weight	21 Kg			
Front glass	3.2 mm thick			
		Connector type	0.9m wire (Φ4 or 6mm 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)
SE220M33/D	220W	± 3%	4.85A	45.4V	5.32A	58.8V
SE230M33/D	230W	± 3%	4.93A	46.7V	5.35A	59.3V

NOCT:48°C ±2°C
NOCT:Nominal Operation Cell Temperature

Voltage Temperature coefficient: -0.21V/°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

