

193852 MONOCRYSTALLINE SOLAR CELLS

Model: RSC-M125XL

Size (MM): 125

Efficiency: up to 17.8%

Refine Solar’s monocrystalline solar cells (RSC-M125XL) are 10% more powerful than ordinary monocrystalline solar cells.

MECHANICAL DIMENSION

Efficiency: up to 17.8%

Dimension: 125mm×125mm±0.5mm

Thickness: 200±20µm

Diagonal: 165mm

TEMPERATURE COEFFICIEN

Power: - 0.460%/k

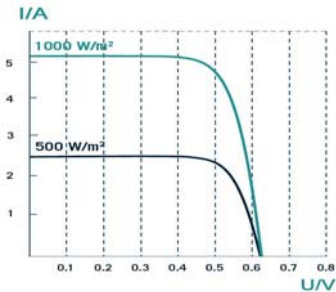
Current: + 0.031%/k

Voltage: - 0.348%/k

ELECTRICAL DATA:

Model	Efficiency	Power	Imp	Vmp	Isc	Voc
	(%)	(W)	(A)	(V)	(A)	(V)
RSC-M125XL-1500	15.00-15.20	2.35	4.70	0.500	5.10	0.608

IV-CURVE and INTENSITY DEPENDENCE



Intensity W/m ²	U _{MPP}	I _{MPP}
1000	1.000	1.0
900	0.994	0.9
500	0.968	0.5
300	0.942	0.3
200	0.922	0.2