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Solar Panel Guide Specification Data Sheet

Sunlife Solar Co. Pvt. Ltd SLS190-210M SLS190M



MONOCRYSTALLINE

72CELLS

SLS190M **SLS195M**

SLS205M

SLS210M

SLS200M

ELECTRICAL SPECIFICATIONS					
Model NO.	SLS190M	SLS195M	SLS200M	SLS205M	SLS210M
Peak power(Pmax)	190W	195W	200W	205W	210W
Maximum power voltage(Vmp)	36.5V	36.5V	37.0V	37.2V	37.5V
Maximum power current(Imp)	5.21A	5.34A	5.41A	5.53A	5.61A
Short-circuit current(Isc)	5.52A	5.77A	5.88A	6.05A	6.07A
Open circuit voltage(Voc)	44.5V	44.5V	45.1V	45.3V	45.5V
Optimized cell efficiency(η)	17.80%	18.20%	18.60%	19.20%	19.60%

0~+3% Power tolerance: 1000VDC Maximum system voltage

TEMPERATURE COEFFICIENT

TRICAL SPECIFICATION

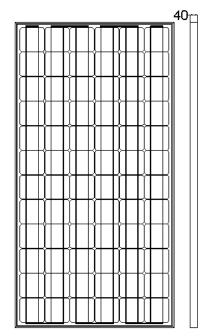
0.037%/℃ Current temperature coefficient Voltage temperature coefficient -0.34%/℃ -0.48%/℃ Power temperature coefficient

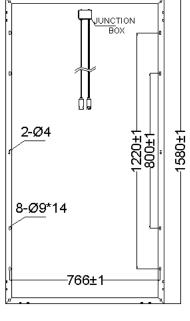
STC: Irradiance of 1000W /m2, AM 1.5, Cell Temperature of 25°C

MECHANICAL SPECIFICATIONS

Cell Type	125mm x 125mm		
Number of Cells	72 cells in series		
Weight	15.5 kg (34.1lbs)		
Dimension	1580x808x40mm		
Front Glass	3.2mm tempered glass		
Frame	Anodized aluminum alloy		
Max Load	5400 Pascals (112 lb/ft2)		
Junction Box	IP65		
Cable/Connector	900mm /MC4 Compatible		

PHYSICAL CHARACTERISTICS

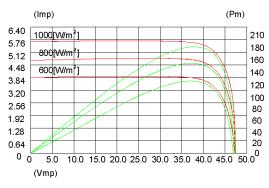


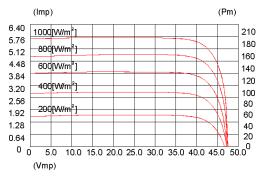


808±1



ELECTRICAL CHARACTERISTICS





^{*}Due to continuous innovation, research and product improvement, the specifications are subject to change without prior notice. *The data do not refer to a single module and they are not part of the offer, they only serve for comparison to different module types.