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# **EnergyPal**

**Solar Panel Guide  
Specification Data Sheet**

**Sunlife Solar Co. Pvt. Ltd  
SLS115-120P  
SLS120P**

Also available on the web at  
[EnergyPal.com/sunlife-solar-co-pvt-ltd-solar-panels/sls120p](http://EnergyPal.com/sunlife-solar-co-pvt-ltd-solar-panels/sls120p)



**ELECTRICAL SPECIFICATIONS**

Model NO.	SLS095P	SLS100P
Peak power(Pmax)	95W	100W
Maximum power voltage(Vmp)	17.8V	18V
Maximum power current(Imp)	5.33A	5.56A
Short-circuit current(Isc)	5.65A	5.89A
Open circuit voltage(Voc)	22.1V	22.4V
Cell efficiency( $\eta$ )	16.80%	17.20%
Power tolerance:	±3%	
Operating temperature	-40°C to +85°C	
Maximum system voltage	715VDC	

**TEMPERATURE COEFFICIENT**

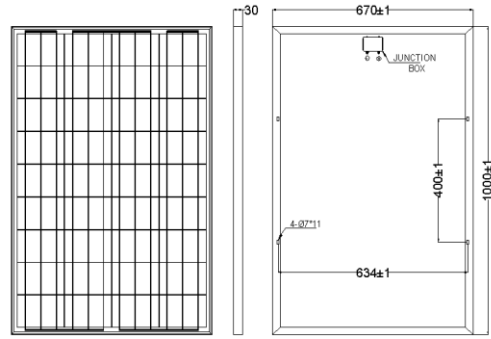
Current temperature coefficient	0.037%/°C
Voltage temperature coefficient	-0.34%/°C
Power temperature coefficient	-0.48%/°C

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

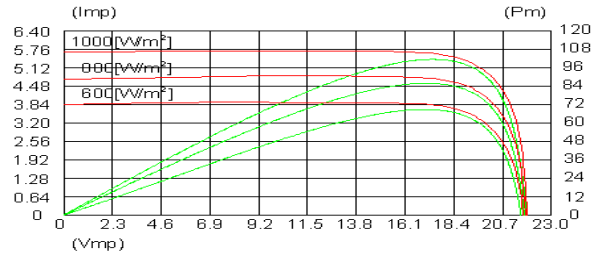
**MECHANICAL SPECIFICATIONS**

Cell Type	156mm x 156mm
Number of Cells	36 cells in series
Weight	8.7 kg (19.14 lbs)
Dimension	1000×670×30mm
Max Load	5400 Pascals ( 112 lb/ft2)
Junction Box	
Cable/Connector	

**PHYSICAL CHARACTERISTICS**



**ELECTRICAL CHARACTERISTICS**



**ELECTRICAL SPECIFICATIONS**

Model NO.	SLS115P	SLS120P
Peak power(Pmax)	115W	120W
Maximum power voltage(Vmp)	17.8V	18V
Maximum power current(Imp)	6.46A	6.67A
Short-circuit current(Isc)	6.84A	7.06A
Open circuit voltage(Voc)	22.1V	22.4V
Cell efficiency( $\eta$ )	16.80%	17.20%
Power tolerance:	±3%	
Operating temperature	-40°C to +85°C	
Maximum system voltage	715VDC	

**TEMPERATURE COEFFICIENTS**

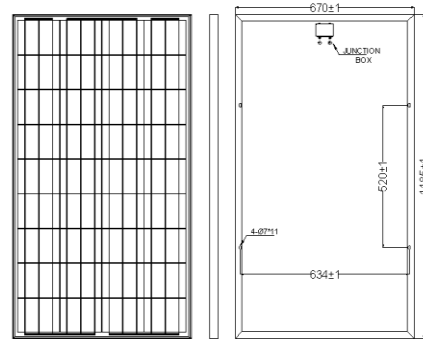
Current temperature coefficient	0.037%/°C
Voltage temperature coefficient	-0.34%/°C
Power temperature coefficient	-0.48%/°C

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

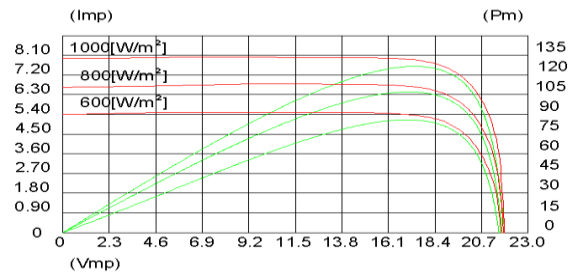
**MECHANICAL SPECIFICATIONS**

Cell Type	156mm x 156mm
Number of Cells	36 cells in series
Weight	10.3 kg (22.66bs)
Dimension	1185×670×30mm
Max Load	5400 Pascals ( 112 lb/ft2)
Junction Box	
Cable/Connector	

**PHYSICAL CHARACTERISTICS**



**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.

25-year performance warranty  
5-year warranty on materials and workmanship  
The specifications are subject to change without prior notice.