



ELECTRICAL SPECIFICATIONS

Model NO.	SLS280P	SLS290P	SLS300P	SLS305P	SLS310P
Peak power(Pmax)	280W	290W	300W	305W	310W
Maximum power voltage(Vmp)	35.7V	35.8V	36.3V	36.5V	36.8V
Maximum power current(Imp)	7.84A	8.10A	8.26A	8.35A	8.42A
Short-circuit current(Isc)	8.46A	8.71A	8.93A	8.95A	9.01A
Open circuit voltage(Voc)	44.2V	44.4V	45.0V	45.2V	45.5V
Optimized cell efficiency(η)	16.00%	16.50%	17.20%	17.40%	17.80%
Power tolerance:	0~+3%				
Maximum system voltage	1000VDC				

TEMPERATURE COEFFICIENT

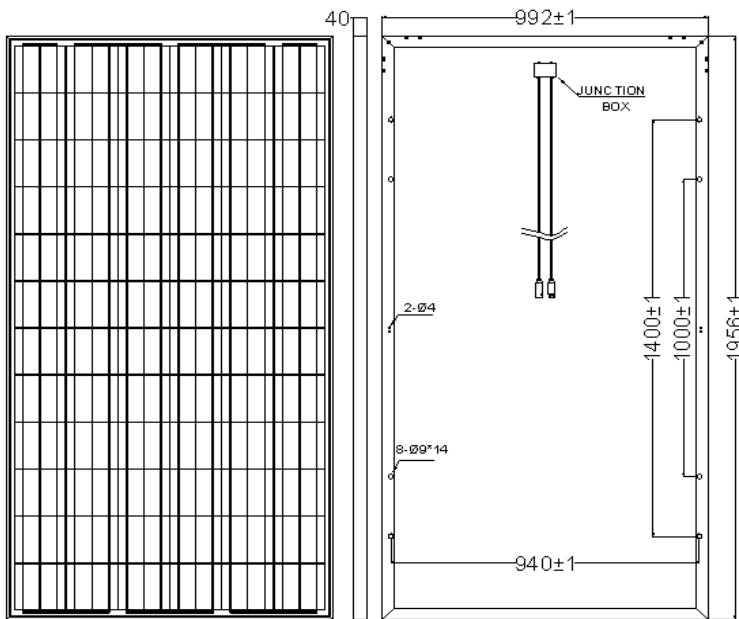
Current temperature coefficient	0.037%/°C
Voltage temperature coefficient	-0.34%/°C
Power temperature coefficient	-0.48%/°C

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

MECHANICAL SPECIFICATIONS

Cell Type	156mm x 156mm
Number of Cells	72 cells in series
Weight	22.5 kg (49.5 lbs)
Dimension	1956x992x40mm
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



ELECTRICAL CHARACTERISTICS

