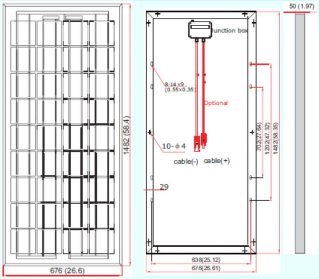
JIANGSU SHUANGZI PHOTOELECTRICITY TECHNOLOGY CO.,LTD

Polycrystalline

SZ-P636115	115W
SZ-P636120	120W
SZ-P636125	125W
SZ-P636130	130W
SZ-P636135	135W
SZ-P636140	140W
SZ-P636145	145W

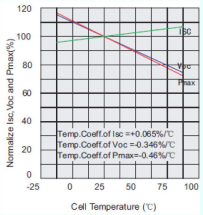
PHYSICAL CHARACTERISTICS unit:mm(inch)



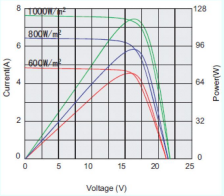
Features and Benefits

- High module conversion eficiency, through superior manufacturing technology
- 0 to +5W positive tolerance for mainstream Products
- Entire module certificated to withstand high wind loads and snow loads (5400Pa)
- Anodized aluminum is mainly for improving corrosion resistance.
- Highly transparent, low-iron, tempered glass, and antiref lective coating
- Excellent performance under low light Environments
- 25years warranty on power output; 5-year warranty on materials and workmanship

Temperatur dependence of Isc, Voc and Pmax



Electrical Performance



Note:the specifications are obtained under the Standard Test Conditions(STCs):1000W/m² solar irradiance,1.5Air Mass,and cell temperature of 25℃
The NOCT is obtained under the Test Conditions:800W/m2,20℃ambient temperature,1m/s wind speed,AM 1.5 spectrum

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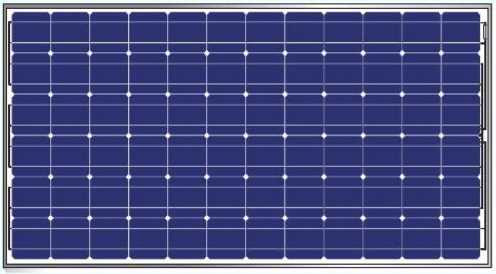
ELECTRICAL AND MECHANICAL SPECIFICATIONS

Model type	SZ-P636115	SZ-P636120	SZ-P636125	SZ-P636130	SZ-P636135	SZ-P636140	SZ-P636145
Cell type	Poly 156mm×156mm						
Number of cells	36 cells in series						
Dimensions	1482mm×676mm×50mm						
Maximum system voltage	DC 1000V						
Weight	12.0Kg						
Power Tolerance	-3%to+3%						
Number of bypass diode	3						
Temp. Coeff .of Isc (TK Isc)	0.08%/℃						
Temp. Coeff .of Voc (TK Voc)	-0.31%/℃						
Temp. Coeff .of Pmax(TK Pmax)	-0.37%/℃						
Peak power (Pmax)	115W	120W	125W	130W	135W	140W	145W
Open circuit voltage (Voc)	21.75	21.75	21.75	21.75	21.96	21.96	21.96
Short circuit current (Isc)	7.55	7.63	7.80	8.10	8.41	8.41	8.50
Maximum power voltage (Vmp)	17.1	17.3	17.3	17.31	17.5	17.5	17.75
Maximum power current (Imp)	6.73	6.94	7.23	7.51	7.71	8.0	8.17
Cell Efficiency	13.53%	14.12%	14.71%	15.3%	15.89%	16.47%	17.06%
Module Efficiency	11.48%	11.98%	12.48%	12.98%	13.48%	13.97%	14.47%



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