

ELECTRICAL AND MECHANICAL SPECIFICATIONS

Model type	SZ-P648155	SZ-P648160	SZ-P648165	SZ-P648170	SZ-P648175	SZ-P648180	SZ-P648185	SZ-P648190	SZ-P648195
Cell type	Poly 156mm×156mm								
Number of cells	48 cells in series								
Dimensions	1324mm×992mm×50mm								
Maximum system voltage	DC 1000V								
Weight	15.6Kg								
Power Tolerance	-3%to+3%								
Number of bypass diode	3								
Temp. Coeff. of Isc (TK Isc)	0.08%/°C								
Temp. Coeff. of Voc (TK Voc)	-0.313%/°C								
Temp. Coeff. of Pmax(TK Pmax)	-0.37%/°C								
Peak power (Pmax)	155W	160W	165W	170W	175W	180W	185W	190W	195W
Open circuit voltage (Voc)	29.00	29.00	29.00	29.00	29.04	29.04	29.04	29.20	29.20
Short circuit current (Isc)	7.60	7.80	7.90	8.10	8.10	8.10	8.41	8.41	8.50
Maximum power voltage (Vmp)	22.95	22.95	22.95	22.95	23.10	23.45	23.45	23.45	23.45
Maximum power current (Imp)	6.75	6.97	7.19	7.41	7.58	7.68	7.89	8.10	8.32
Cell Efficiency	13.68%	14.12%	14.56%	15.00%	15.44%	15.89%	16.33%	16.77%	17.21%
Module Efficiency	11.80%	12.18%	12.56%	12.94%	13.32%	13.70%	14.09%	14.47%	14.85%



Note:the specifications are obtained under the Standard Test Conditions(STCs):1000W/m² solar irradiance,1.5Air Mass,and cell temperature of 25°C

The NOCT is obtained under the Test Conditions:800W/m²,20°C ambient temperature,1m/s wind speed,AM 1.5 spectrum

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