

Strengths

- Tolerance 0~+3%
- High Transmission, low Iron Tempered Glass
- Plug&Play Connectors
- Bypass Diodes Protection
- Salt Mist Test And Ammonia Resistance Test

Warranty

- Manufacturing 12 Years
- Power Production
95%: 5 years 90%: 12years
85%: 18years 80%: 25years

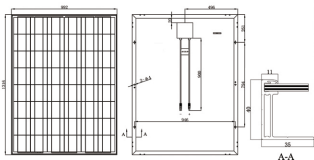
Insurance

- Insured By CHUBB

Certificates



PHYSICAL CHARACTERISTICS unit:mm



Dimensions	(mm)	1316×992×40
Weight	(kg)	14.5
Loading Capacity		376 pcs/20' GP
		800 pcs/40' HC

SR MODULE

- SR-P648200
- SR-P648190
- SR-P648180
- SR-P648195
- SR-P648185



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Specifications

Module Type		SR-P648200	SR-P648195	SR-P648190	SR-P648185	SR-P648180
Maximum Power	Pm(W)	200W	195W	190W	185W	180W
Tolerance	(%)	0~+3	0~+3	0~+3	0~+3	0~+3
Open Circuit Voltage	Voc(V)	29.80	29.72	29.62	29.48	29.40
Short Circuit Current	Isc(A)	8.94	8.77	8.56	8.38	8.18
Maximum Power Voltage	Vm(V)	24.04	23.99	23.90	23.81	23.72
Maximum Power Current	Im(A)	8.32	8.13	7.95	7.77	7.59
Module Efficiency	(%)	15.30	15.00	14.60	14.20	13.80
Solar Cell Efficiency	(%)	17.60	17.20	16.70	16.30	15.80
Cell Type	(mm)	156×156(Poly-Crystalline Silicon)				
Number of Cells	(Pcs)	48(6×8)				
Maximum System Voltage	(V)				DC1000	
Temp. Coeff.of Voc	(%/°C)				-0.33	
Temp. Coeff.of Ise	(%/°C)				0.055	
Temp. Coeff.of Pm	(%/°C)				-0.44	
Operating Temperature	(°C)	-40 to 85				
Nominal Operating Cell Temperature(NOCT)	(°C)	45±2				
Max.Series Fuse	(A)				14	
Wind Bearing	(Pa)				2400	
Pressure Bearing	(Pa)				5400	
STC(Standard Test Conditions):1000W/m ² AM=1.5 25°C						

Electrical Characteristics

		1000 W/m ²	800 W/m ²	600 W/m ²	400 W/m ²	200 W/m ²	100 W/m ²
SR-P648200	Vmpp	24.04	23.92	23.68	23.11	22.36	21.76
	Impp	8.32	6.09	4.64	3.13	1.62	0.82
SR-P648195	Vmpp	23.99	23.87	23.63	22.03	22.31	21.71
	Impp	8.13	5.99	4.52	3.07	1.59	0.81
SR-P648190	Vmpp	23.90	23.78	23.54	22.75	22.23	21.63
	Impp	7.95	5.85	4.41	3.02	1.54	0.79
SR-P648185	Vmpp	23.81	23.69	23.45	22.86	22.14	21.55
	Impp	7.77	5.71	4.31	2.94	1.51	0.77
SR-P648180	Vmpp	23.72	23.60	23.36	22.77	22.06	21.47
	Impp	7.59	5.57	4.23	2.88	1.48	0.75

