

Strengths

3% Tolerance 0~+3% High Transmission, low Iron Tempered Glass

Plug & Play Connectors Bypass Diodes Protection

Salt Mist Test And Ammonia Resistance Test

Warranty

12 Manufacturing 12 Years

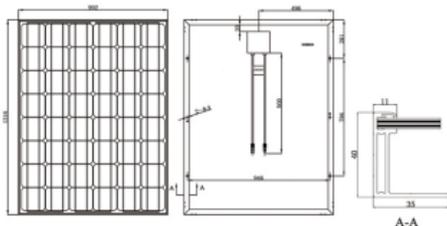
Power Production
95%: 5 years 90%: 12years
85%: 18years 80%: 25years

Insurance

Insured By CHUBB

Certificates

PHYSICAL CHARACTERISTICS unit:mm



SR MODULE

- SR-M648205
- SR-M648195
- SR-M648185
- SR-M648200
- SR-M648190



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

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Specifications

Module Type		SR-M648205	SR-M648200	SR-M648195	SR-M648190	SR-M648185
Maximum Power	Pm[W]	205W	200W	195W	190W	185W
Tolerance	(%)	0~+3	0~+3	0~+3	0~+3	0~+3
Open Circuit Voltage	Voc[V]	29.83	29.58	29.40	29.10	29.00
Short Circuit Current	Isc[A]	9.13	8.98	8.81	8.68	8.48
Maximum Power Voltage	Vm[V]	24.25	24.05	23.90	23.65	23.55
Maximum Power Current	Im[A]	8.46	8.32	8.16	8.04	7.86
Module Efficiency	(%)	15.70	15.30	14.90	14.60	14.20
Solar Cell Efficiency	(%)	18.37	17.98	17.45	17.02	16.58
Cell Type	(mm)	156×156(Mono-Crystalline Silicon)				
Number of Cells	(Pcs)	48(6×8)				
Maximum System Voltage	[V]	DC1000				
Temp. Coeff.of Voc	(%/°C)	-0.35				
Temp. Coeff.of Ise	(%/°C)	0.05				
Temp. Coeff.of Pm	(%/°C)	-0.45				
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-M648205	Vmpp	24.25	24.18	23.99	23.41	22.71	22.23
	Impp	8.46	6.75	5.05	3.34	1.64	0.78
SR-M648200	Vmpp	24.05	23.98	23.79	23.21	22.51	22.03
	Impp	8.32	6.64	4.97	3.29	1.61	0.77
SR-M648195	Vmpp	23.90	23.83	23.64	23.06	22.37	21.89
	Impp	8.16	6.51	4.87	3.22	1.57	0.75
SR-M648190	Vmpp	23.65	23.58	23.39	22.82	22.14	21.66
	Impp	8.04	6.42	4.80	3.18	1.55	0.74
SR-M648185	Vmpp	23.55	23.48	23.29	22.73	22.04	21.57
	Impp	7.86	6.27	4.69	3.10	1.52	0.72

