

Strengths

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

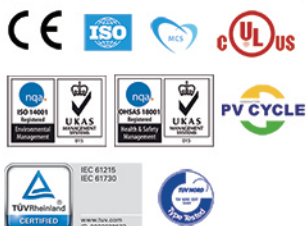
Warranty

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

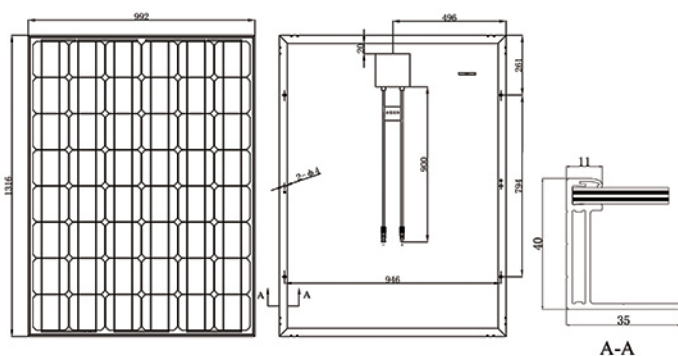
Insurance

-  Insured By CHUBB

Certificates



PHYSICAL CHARACTERISTICS unit:mm



SR MODULE

-  SR-M648205
-  SR-M648200
-  SR-M648195
-  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
Maximum Power	Pm(W)	205W	200W	195W	190W
Tolerance	(%)	0~+3	0~+3	0~+3	0~+3
Open Circuit Voltage	Voc(V)	29.83	29.58	29.40	29.10
Short Circuit Current	Isc(A)	9.13	8.98	8.81	8.68
Maximum Power Voltage	Vm(V)	24.25	24.05	23.90	23.65
Maximum Power Current	Im(A)	8.46	8.32	8.16	8.04
Module Efficiency	(%)	15.70	15.30	14.90	14.60
Solar Cell Efficiency	(%)	18.37	17.98	17.45	17.02
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 Isc	(%/°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)	15			
Wind Bearing	(Pa)	2400			
Pressure Bearing	(Pa)	5400			
STC(Standard Test Conditions):1000W/m² AM=1.5 25℃					

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

