

## 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

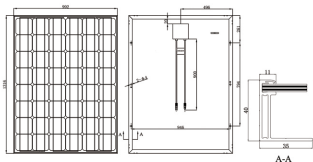
## Insurance

- Insured By CHUBB

## Certificates

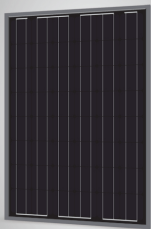


### PHYSICAL CHARACTERISTICS unit:mm



## SR MODULE

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



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

Sunrise Solartech Co.,Ltd.

No.20 Tongzi River West Road,zhonglou Development Zone ,  
Changzhou 213023 Jiangsu P.R.china.  
Tel:+86(519)8390 6502  
Fax:+86(519)8390 6508  
E-mail:info@srsolartech.cn  
Http://www.srsolartech.cn

# Specifications

Module Type		SR-M648205-B	SR-M648200-B	SR-M648195-B	SR-M648190-B	SR-M648185-B
Maximum Power	Pm[W]	<b>205W</b>	<b>200W</b>	<b>195W</b>	<b>190W</b>	<b>185W</b>
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 <sup>2</sup> AM=1.5 25°C						

## Electrical Characteristics

		1000 W/m <sup>2</sup>	800 W/m <sup>2</sup>	600 W/m <sup>2</sup>	400 W/m <sup>2</sup>	200 W/m <sup>2</sup>	100 W/m <sup>2</sup>
SR-M648205-B	Vmpp	24.25	24.18	23.99	23.41	22.71	22.23
	Impp	8.46	8.75	5.05	3.34	1.64	0.78
SR-M648200-B	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-B	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-B	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-B	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

