

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

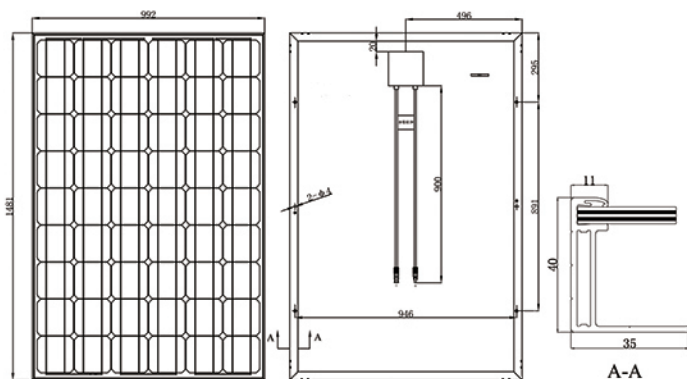
Insurance

-  Insured By CHUBB

Certificates



PHYSICAL CHARACTERISTICS unit:mm



SR MODULE

- SR-M654230
- SR-M654225
- SR-M654220
- SR-M654215



Dimensions	(mm)	1481×992×40
Weight	(kg)	17.2
Loading Capacity		329 pcs/20' GP
		750 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 6510
Fax:+86(519)8390 6508
E-mail:info@srsolartech.cn
Http://www.srsolartech.cn

Specifications

Module Type		SR-M654230	SR-M654225	SR-M654220	SR-M654215
Maximum Power	Pm(W)	230W	225W	220W	215W
Tolerance	(%)	0~+3	0~+3	0~+3	0~+3
Open Circuit Voltage	Voc(V)	33.64	33.40	33.21	32.90
Short Circuit Current	Isc(A)	9.08	8.95	8.80	8.68
Maximum Power Voltage	Vm(V)	27.35	27.15	27.00	26.75
Maximum Power Current	Im(A)	8.41	8.29	8.15	8.04
Module Efficiency	(%)	15.70	15.30	15.00	14.60
Solar Cell Efficiency	(%)	18.36	17.98	17.55	17.17
Cell Type	(mm)	156×156(Mono-Crystalline Silicon)			
Number of Cells	(Pcs)	54(6×9)			
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-M654230	Vmpp	27.35	27.27	27.05	26.40	25.61	25.07
	Imp	8.41	6.27	5.04	3.33	1.64	0.77
SR-M654225	Vmpp	27.15	27.07	26.85	26.20	25.41	24.87
	Imp	8.29	6.62	4.95	3.27	1.60	0.76
SR-M654220	Vmpp	27.00	26.92	26.70	26.06	25.27	24.73
	Imp	8.15	6.50	4.87	3.22	1.57	0.75
SR-M654215	Vmpp	26.75	26.67	26.46	25.81	25.04	24.50
	Imp	8.04	6.42	4.80	3.18	1.55	0.74

