

SUNRISE
兆阳能源



Established in 2006, Sunrise Solartech Co., Ltd specializes in research, development, and sales of solar PV modules in early stage, and is one of the first PV companies which involved in solar project investment and solar system integration. Our business scope covers solar project investment, EPC, project design, installation, operation and maintenance, and solar products manufacture and sales as well.

Sunrise has 35,000m² automatic workshops with 500MW annual capacity which strongly support its exploring business abroad. Sunrise has 8 offices worldwide. Sunrise has been built up long term business relationship with many well-known companies. We have been invested and built over 600MW solar projects worldwide and supplied high efficient and green solar power solution over 50 countries, such as German, Italy, Australia, Japan, India, America and China.

Insured
By CHUBB



SR MODULE

- SR-M660300-B
- SR-M660290-B
- SR-M660285-B
- SR-M660280-B
- SR-M660275-B
- SR-M660270-B
- SR-M660265-B



Plug&Play
Connectors



High Transmission, low Iron
Tempered Glass



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



Bypass Diodes
Protection



Salt Mist Test
And Ammonia Resistance test



Manufacturing
12 Years



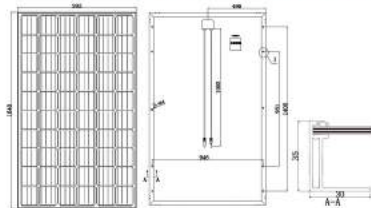
Tolerance
0~+3%

Specifications

Module Type		SR-M660300-B	SR-M660290-B	SR-M660285-B	SR-M660280-B	SR-M660275-B	SR-M660270-B	SR-M660265-B
Maximum power	Pm[W]	300W	290W	285W	280W	275W	270W	265W
Tolerance	(%)	0→+3	0→+3	0→+3	0→+3	0→+3	0→+3	0→+3
Open Circuit Voltage	Voc[V]	39.13	38.96	38.86	38.76	38.65	38.48	38.29
Short Circuit Current	Isc[A]	10.02	9.73	9.59	9.47	9.31	9.17	9.04
Maximum Power Voltage	Vm[V]	31.64	31.5	31.42	31.34	31.25	31.11	30.96
Maximum Power current	Im[A]	9.49	9.21	9.08	8.94	8.81	8.68	8.56
Module Efficiency	(%)	18.47	17.85	17.55	17.24	16.9	16.6	16.3
Solar Cell Efficiency	(%)	21.24	20.53	20.18	19.83	19.47	19.12	18.76

Cell Type	(mm)	156 x 156 (Mono-Crystalline Silicon)
Number of Cells	(Pcs)	60 (6 x 10)
Number of diodes	(Pcs)	3
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 Temperature(NOCIT)	(°C)	45 ± 2
Max.Series Fuse	(A)	15
Wind Bearing	(Pa)	3800
Pressure Bearing	(Pa)	5400

PHYSICAL CHARACTERISTICS unit:mm



Dimensions	(mm)	1640 x 992 x 35
Weight	(kg)	18.2
Loading Capacity		324 pcs/20° GP 840 pcs/40° HC