SR-P660 Series

260W~285W Poly Module

Module Type

SR-P660260	SR-P660275
SR-P660265	SR-P660280
SR-P660270	SR-P660285

WARRANTY

12years Defect warranty

25years Leading linear performance warranty

Established in 2006, Sunrise Energy 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, solar products manufacturing and sales as well.

Sunrise has 35,000m^2 automatic workshops with 600MW 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.

- **0~3% Positive tolerance**
- **PID-free**
- **3.2mm high transmission, low iron tempered AR glass**
- **Better performance under low light environment**
- **Withstand wind loads up to 2400Pa and snow loads up to 5400Pa.**
- **25 year leading linear performance warranty**

IEC 61215 / IEC 61730
ISO 9001: 2008
ISO14001: 2004
OHSAS 18001: 2007

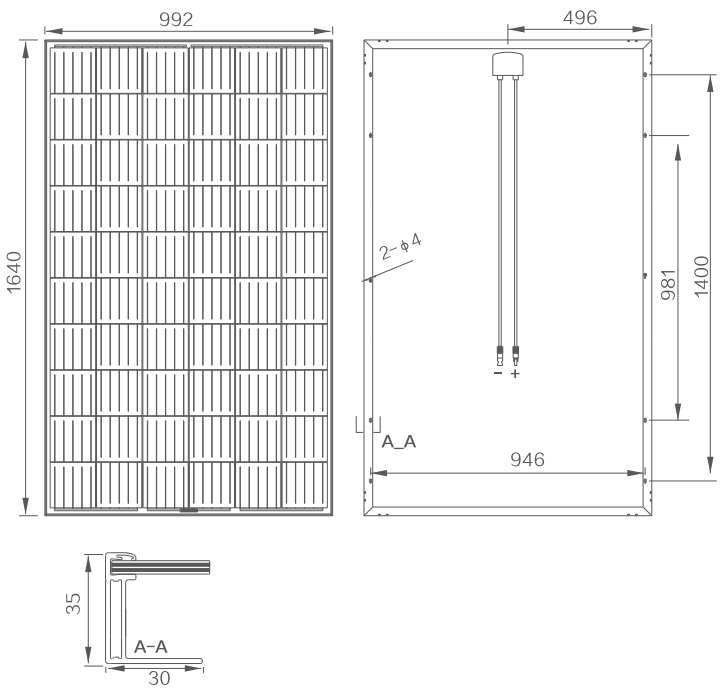
60 Cells Poly Module

Module Type		SR-P660260		SR-P660265		SR-P660270		SR-P660275		SR-P660280		SR-P660285	
Test Environment		STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Tolerance	(%)	0~+3		0~+3		0~+3		0~+3		0~+3		0~+3	
Module Efficiency	(%)	16		16.3		16.6		16.9		17.2		17.5	
Maximum Power	Pmax(W)	260	191	265	195	270	199	275	202	280	206	285	210
Open Circuit Voltage	Voc(V)	37.89	35.2	38.15	35.3	38.65	35.4	38.88	35.5	39.12	35.6	39.35	35.7
Short Circuit Current	Isc(A)	9.08	7.21	9.19	7.27	9.23	7.36	9.35	7.45	9.45	7.54	9.56	7.63
Maximum Power Voltage	Vm(V)	30.61	27.9	30.82	28.1	31	28.3	31.19	28.5	31.38	28.7	31.56	28.9
Maximum Power Current	Im(A)	8.5	6.85	8.6	6.94	8.71	7.04	8.82	7.09	8.93	7.18	9.04	7.27
Cell Type	(mm)	156×156 Poly-Crystalline Silicon											
Number of Cells	(Pcs)	60(6×10)											
Maximum System Voltage	(V)	DC1000											
Temp. Coeff. of Voc	(%/℃)	-0.33											
Temp. Coeff. of Isc	(%/℃)	0.055											
Temp. Coeff. of Pm	(%/℃)	-0.44											
Operating Temperature	℃	-40 to 85											
Nominal Operating Cell Temperature (NOCT)	℃	45±2											
Max. Series Fuse	(A)	15											
Pressure Bearing	(Pa)	5400											
Wind Bearing	(Pa)	2400											

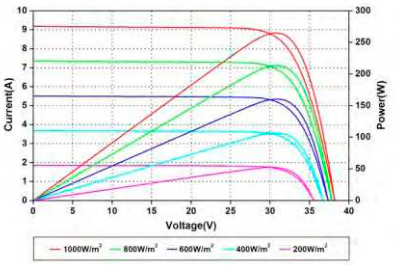
STC: lrradiance 1000W/m^2, Cell temperature 25°C, AM1.5

NOCT: Irradiance 800W/m^2, Ambient temperature 20°C, Wind Speed 1m/s

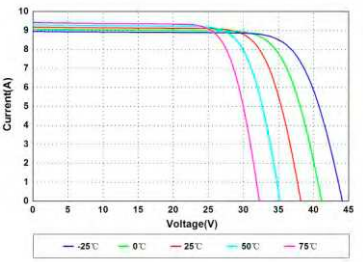
ENGINEERING DRAWINGS



IV CURVES



Current-Voltage and Power-Voltage Curves at Different Irradiances



Current-Voltage Curves at Different Temperatures

MATERIAL DETAILS

Frame	Anodized aluminum (Silver/Black optional)
Glass	3.2mm high transmission tempered AR glass
Cell	6×10 pcs 156.75mm poly solar cell
Junction Box	Rated Current≥13A, IP≥67, TUV&UL
Cable&Connector	4mm^2, MC4 or MC4 compatible

PACKING DETAILS

Dimension	(mm)	1640×992×35
Weight	(kg)	18.2
Loading Capacity	324 pcs/20' GP 840 pcs/40' HC	
Packing	pcs/pallet	30