

Mono Black Solar Module

SR-M660 285W~315W
 SR-M660285 SR-M660305(PERC)
 SR-M660290(PERC) SR-M660310(PERC)
 SR-M660300(PERC) SR-M660315(PERC)



0~3% positive tolerance



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

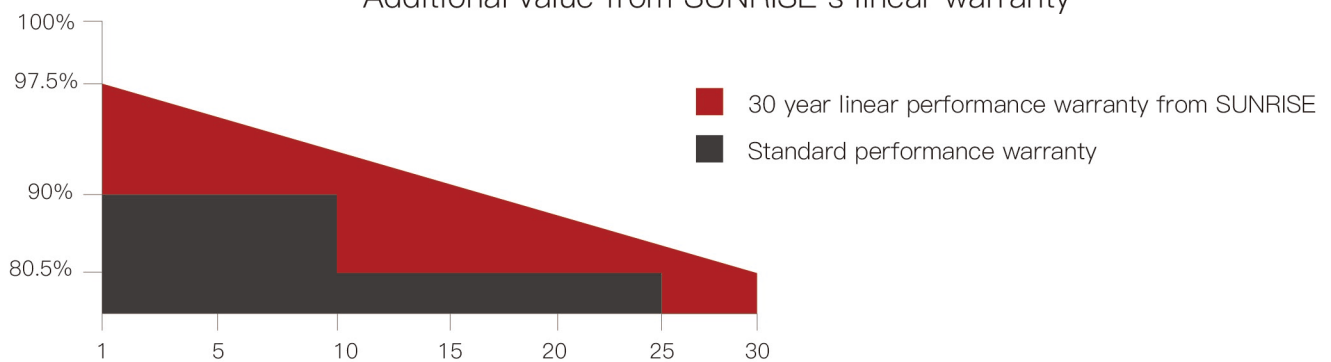


30 year leading linear
performance warranty



PID-free

Additional value from SUNRISE's linear warranty

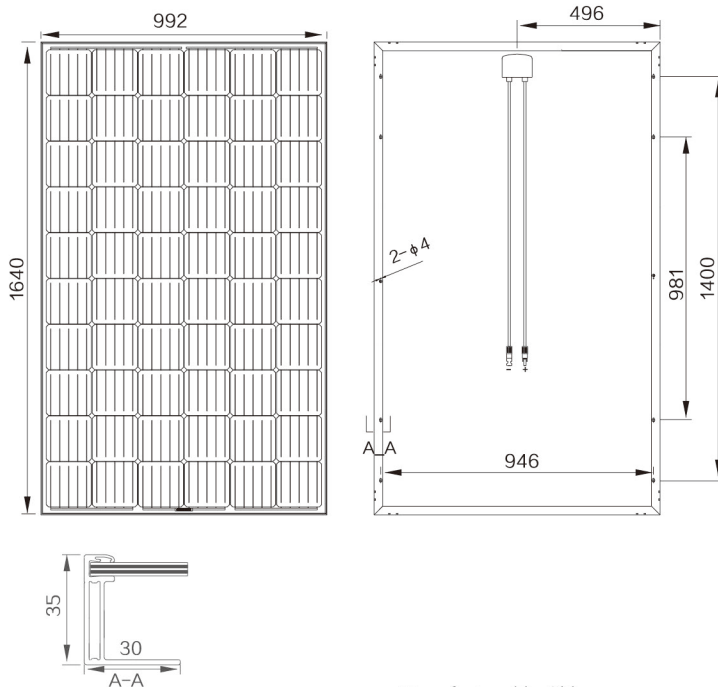


| Module Type | | SR-M660285 | | SR-M660290 (PERC) | | SR-M660300 (PERC) | | SR-M660305 (PERC) | | SR-M660310 (PERC) | | SR-M660315 (PERC) | |
|---|----------------------|--|-------|-------------------|-------|-------------------|-------|-------------------|-------|-------------------|--------|-------------------|--------|
| 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 | (%) | 17.55 | | 17.85 | | 18.47 | | 18.78 | | 19.09 | | 19.4 | |
| Maximum Power | P _{max} (W) | 285 | 209.5 | 290 | 213.2 | 300 | 220.5 | 305 | 224.2 | 310 | 227.85 | 315 | 231.53 |
| Open Circuit Voltage | V _{oc} (V) | 38.86 | 35.7 | 38.96 | 35.9 | 39.13 | 36.6 | 39.24 | 37.02 | 39.36 | 37.33 | 39.46 | 37.62 |
| Short Circuit Current | I _{sc} (A) | 9.59 | 7.73 | 9.73 | 7.82 | 10.02 | 7.93 | 10.16 | 8.16 | 10.29 | 8.26 | 10.43 | 8.38 |
| Maximum Power Voltage | V _m (V) | 31.42 | 28.9 | 31.5 | 29.1 | 31.64 | 29.7 | 31.73 | 30.06 | 31.83 | 30.25 | 31.91 | 30.53 |
| Maximum Power Current | I _m (A) | 9.08 | 7.24 | 9.21 | 7.32 | 9.49 | 7.41 | 9.62 | 7.72 | 9.74 | 7.81 | 9.87 | 7.92 |
| Cell Type | (mm) | 156.75x156.75 Mono-Crystalline Silicon | | | | | | | | | | | |
| Number of Cells | (Pcs) | 60(6×10) | | | | | | | | | | | |
| 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 | | | | | | | | | | | |
| Pressure Bearing | (Pa) | 5400 | | | | | | | | | | | |
| Wind Bearing | (Pa) | 2400 | | | | | | | | | | | |

STC: Irradiance 1000W/m², Cell temperature 25°C, AM1.5

NOCT: Irradiance 800W/m², Ambient temperature 20°C, Wind Speed 1m/s

ENGINEERING DRAWINGS

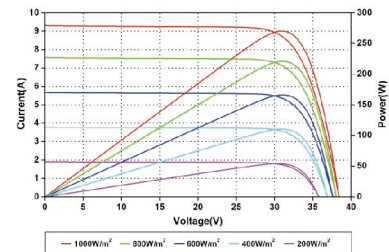


Manufactured in China

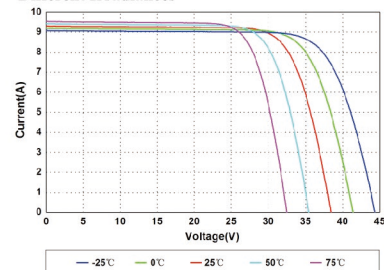
MATERIAL DETAILS

| | |
|-----------------|---|
| Frame | Anodized aluminum |
| Glass | 3.2mm low-iron tempered suede glass |
| Cell | 6×10 pcs 156.75mm mono solar cell |
| Junction Box | Rated Current ≥15A I _p ≥67, TUV & UL |
| Cable&Connector | 4mm ² , MC4orMC4 compatible |

IV CURVES



Current-Voltage and Power-Voltage Curves at Different Irradiances



Current-Voltage Curves at Different Temperatures

PACKING DETAILS

| | | |
|------------------|------------|-------------------------------|
| Dimension | (mm) | 1640×992×35 |
| Weight | (kg) | 18.2 |
| Loading Capacity | | 360 pcs/20' GP 924 pcs/40' HC |
| Packing | pcs/pallet | 30 |