

**CHUBB
INSURANCE**

250W~255W

DOUBLE-GLASS MODULE 60x6"

Higher Durability and Reliability

- Higher resistance to wind and sand, abrasion, corrosion of acid and alkaline
- Better mechanical characters and resistance to micro-cracks
- Lower water permeability, better anti-PID and resistance to snail trails

Higher investment return

- Better radiating of solar module and output power efficiency
- Life span of solar module can reach 30 years
- System voltage can be higher than 1500V

Higher convenience of installation

- Frameless module needs no ground connection
- Built-in hook makes higher efficiency of installation
- Self-cleaning reduces daily maintenance

25 Year Linear Power Guarantee

■ Commercial

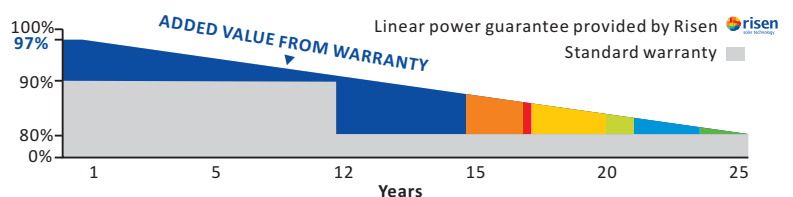
12 years on material and manufacturing defects

■ Performance

Power not less than 90% of power peak during the first 12 years

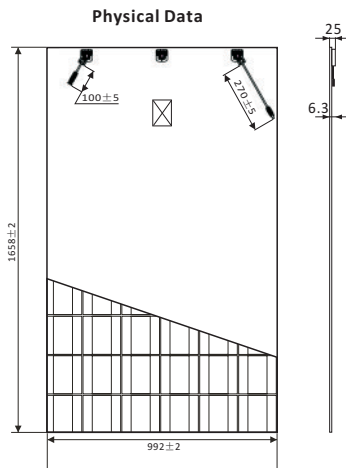
Power not less than 80% of power peak during the subsequent

13 years.



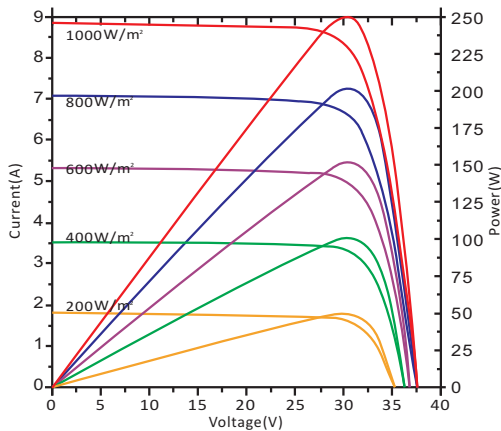
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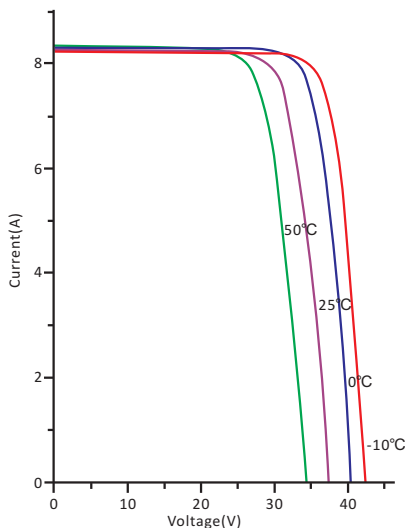


RS250P660

Electrical characteristics at different irradiances (25°C)



I-V characteristics at different cell temperatures (AM1.5, 1000W/m²)



Electrical Characteristics at STC

Type		RS250P660	RS255P660
Maximum Power	Pmax(W)	250W	255W
Tolerance Value for Power	%	0~+3%	0~+3%
Maximum Power Voltage	Vmpp(V)	30.30	30.40
Maximum Power Current	Impp(A)	8.26	8.39
Open Circuit Voltage	Voc(V)	37.50	37.70
Short Circuit Current	Isc(A)	8.90	9.05
Module Efficiency	η	>15.20%	>15.50%

Performance at STC: Irradiance of 1000W/m², Module temperature 77±3.6[°]T (25±2[°]C) AM 1.5

Electrical Characteristics at NOCT

Type		RS250P660	RS255P660
Maximum Power	Pmax(W)	186.30	193.20
Maximum Power Voltage	Vmpp(V)	27.60	27.80
Maximum Power Current	Impp(A)	6.75	6.95
Open Circuit Voltage	Voc(V)	34.50	34.60
Short Circuit Current	Isc(A)	7.24	7.45

Performance at NOCT: Irradiance 800W/m², Ambient temperature 20[°]C, Wind speed 1m/S

Temperature Coefficients(Tc)

NOCT(Nominal Operating Cell temperature)	45±2 [°] C
Temperature Coefficient of VOC(β)	-0.33%/°C
Temperature Coefficient of ISC(α)	+0.033%/°C
Temperature Coefficient of Pmax	-0.39%/°C

Permissible Operating Conditions

Maximum System Voltage	1500 V
Operating Temperature Range	-40 [°] C ~ +85 [°] C
Maximum Surface Load Capacity	Test up to 5400Pa according to IEC61215 (Advanced test)
Resistance Against Hail	Maximum diameter of 1in.(25mm) impact speed of 51.5mph(23m/s)

Mechanical specifications

Cells	Polycrystalline cell with 3-busbars,6"(6x10)
Junction Box	IP67,combined with 3 by-pass diodes
Front Glass	2.50mm (Low iron embossed tempered glass)
Back Glass	2.50mm (Float tempered glass)
Interlayer	0.76 (PVB)/0.5(EVA)
Connecting Cable/Connector	Positive pole 270 Negative pole 100
Frame Dimension	1658x992x6.3mm
Weight	24.5KG

Packing Features

Module Height	6.3mm
Qty/Pallet (PCS)	30
Qty/40HC container (PCS)	780