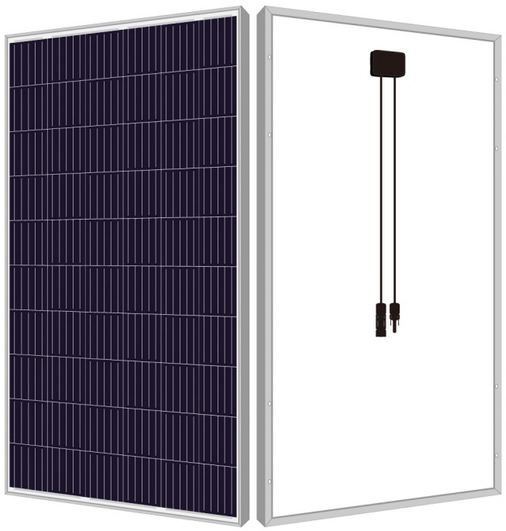
SUNKET® 萨科特

275~290 Watt



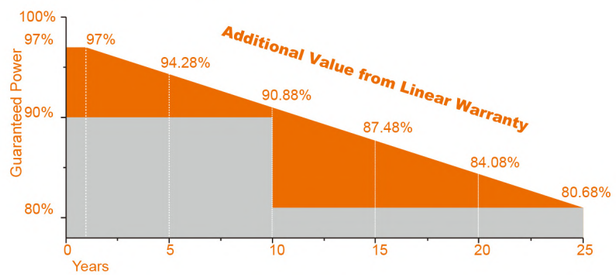
*BLACK FRAME/BLACK BACK-SHEET PRODUCTS ARE AVAILABLE UPON REQUEST

MANAGEMENT SYSTEM

- ISO 9001: Quality management system
- ISO 14001: Standard for environmental management system
- OHSAS 18001: International standard for occupational health and safety assessment system

PRODUCT CERTIFICATES

WARRANTY



12 Years Material & Craft Quality assurance

12 Years 90% Output Power guarantee

25 Years 80% Output Power guarantee

Safety

- Safety for salt mist corrosion (IEC61701, tested in TUV)
- Safety for ammonia corrosion (IEC62716, tested in TUV)
- Safety for fire risk (Class A, tested in TUV)

Key

- High stability of the aluminium frame
- High quality junction box and connector systems
- 100% inspection, to guarantee the reliability of solar systems

Technology

- Using high efficiency mono solar cells
- Excellent performance in low-light environments
- High transmissivity, low-iron tempered glass.

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SKT275~290P6-20 Standard 60Cells Polycrystalline PV Module

Electrical Characteristics（STC）

Module Type	SKT275P6-24	SKT280P6-24
Maximum Power- Pmax(W)	275	280
Open Circuit Voltage - Voc(V)	37.8	38.1
Short- Circuit Current - Isc(A)	9.21	9.24
Voltage at Pmax -Vmp(V)	32.0	32.2
Current at Pmax - Imp(A)	8.60	8.70
Module Efficiency -ηm（%）	18.30	18.60

Module Type	SKT285P6-24	SKT290P6-24
Maximum Power- Pmax(W)	285	290
Open Circuit Voltage - Voc(V)	38.3	38.5
Short- Circuit Current - Isc(A)	9.32	9.39
Voltage at Pmax -Vmp(V)	32.5	32.7
Current at Pmax - Imp(A)	8.77	8.87
Module Efficiency -ηm（%）	18.90	19.20

STC: Irradiance 1000W/m², Cell Temperature 25℃, Air Mass 1.5

Power Tolerance(W)	(0,+3%)
Maximum System Voltage(V)	1000
Maximum Series Fuse Rating (A)	20

Temperature Characteristics

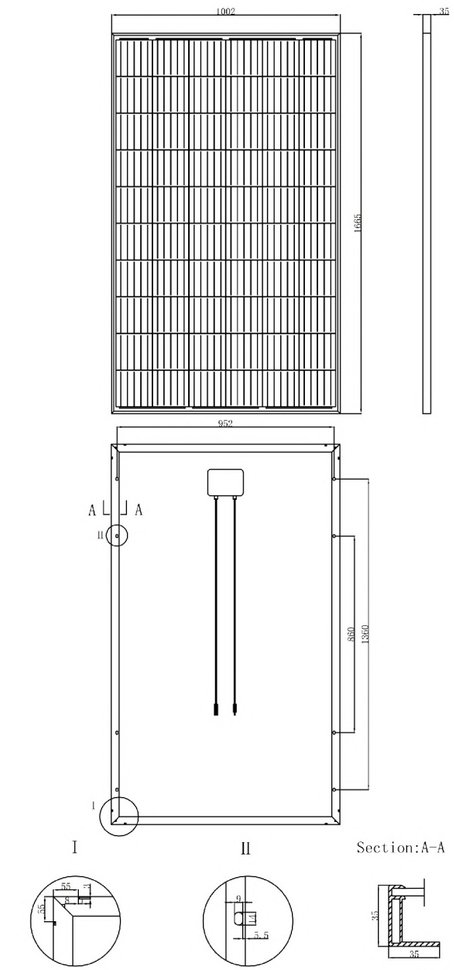
Pmax Temperature Coefficient	-0.37%/℃
Voc Temperature Coefficient	-0.28%/℃
Isc Temperature Coefficient	+0.048%/℃
Operating Temperature	-40～+85℃
Nominal Operating Cell Temperature(NOCT)	45±2℃

Mechanical Specifications

External Dimensions	1665×1002×35 mm
Weight	19 kg
Solar Cells	Poly crystalline 158.75×158.75mm (60pcs)
Front Glass	3.2 mm tempered glass, low iron
Frame	Anodized aluminum alloy
Junction Box	IP67
Output Cables	4.0 mm²,cable length:1000 mm
Connector	MC4 Compatible
Mechanical Load	5400 Pa

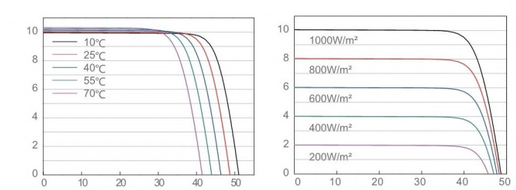
Packing Configuration

	1665×1002×35mm	
Container	20'GP	40'GP
Pieces per Pallet	30	30
Pallets per Container	12	28
Pieces per Container	360	840



All Dimensions in mm(inch)
The above drawing is a graphical representation of the product.
For engineering quality drawings please contact SUNKET.

I-V Curve（SKT280P-24）



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