

Link to the Sun!
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250W Maximum Power

High Efficiency Poly-crystalline Solar Module

BENEFITS

- High and stable conversion efficiency based on over 12 years professional experience.
- High reliability with guaranteed 0-+3% output power tolerance
- Proven materials, tempered front glass, and a sturdy anodized aluminum frame allow modules to operate reliably in multiple mountily configuration.
- Combination of high efficiency and attractive appearance.

QUALITY AND SAFETY

- 25-year output power warranty
- ISO9001: 2008 (Quality Management System) certified factory
- IEC 61215, Safety tested IEC 61730, CE
- Product Liability Insurance guarantee end users' benefit
- Hail impact: 277 g steel ball falling from 1 m height, 60 m/s wind speed increased snow load according to IEC 61215: up to 5400 N/m² wind load and suction according to IEC 61215: up to 2400 N/m²

WARRANTY AND CERTIFICATIONS

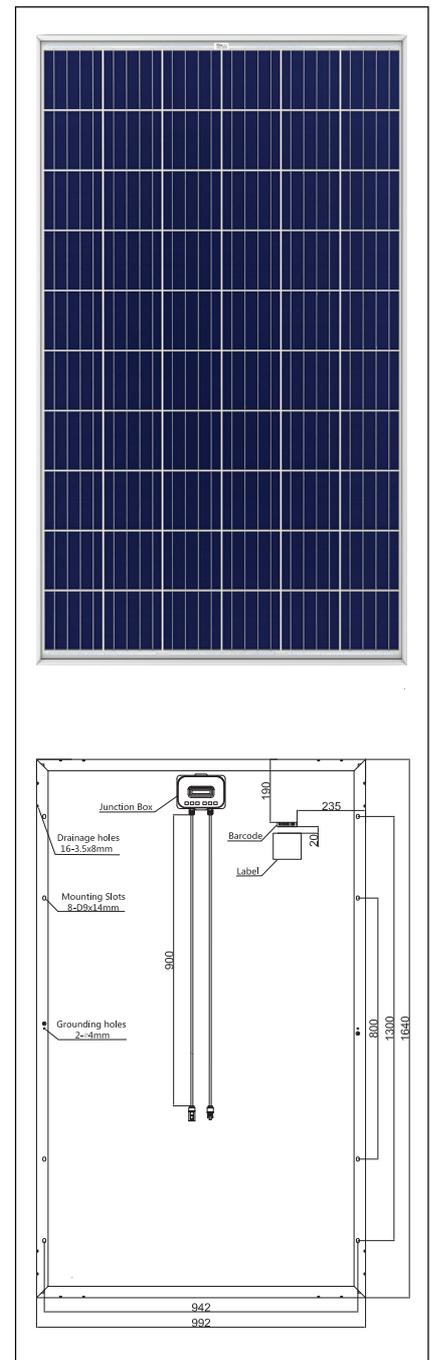
Warranty	10 years workmanship 12 years 90% of the nominal power warranty 25 years 80% of the nominal power warranty
Certifications	IEC 61215, Safety tested IEC 61730 part 2, CE



TEMPERATURE COEFFICIENTS

NOCT	45±2°C
Voltage temperature coefficient (Voc)	-0.35%/°C
Current temperature coefficient (Isc)	+0.055%/°C
Power temperature coefficient (Pmpp)	-0.45%/°C
Minimum power tolerance	0-+ 3%

NOCT: Nominal Operating cell Temperature: -40°C to +85°C



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TECHNICAL DATA

Solar cell	60 poly-crystalline 156 × 156 mm
Front glass	3.2 mm tempered glass
Junction box	IP67 rated
Bypass-diodes	3 pieces
Output cables	800 mm length cable, compliable with MC IV connectors
Frame	anodized aluminium
Weight	18kg
Dimensions	1640 × 992 × 35 mm

ELECTRICAL DATA

Module Type	SL250-24
Nominal peak power (Wp)	250 W
Nominal voltage (Vmp)	30.5 V
Nominal current (Imp)	8.20 A
Open circuit voltage (Voc)	37.3 V
Short circuit current (Isc)	8.79 A
Solar efficiency	15.4 %
Operating Temperatre	- 40 to + 85 °C
Maximum System Voltage	1000 V DC
STC:1000W/m ² , 25°C, AM=1.5	
Maximum power (P _{max})	180 W
Nominal voltage (V _{mpp})	29.2 V
Nominal current (I _{mpp})	6.17 A
Open circuit voltage (V _{oc})	34.4 V
Short circuit current (I _{sc})	6.55 A

NOCT: Irradiation: 800 W/m², module temperature: 45 °C, air mass: 1.5

Performance under weak light conditions (200 W/m²) EN60904-1, 95.3 % or higher of the STC efficiency (1000 W/m²) is achieved

PACKING CONFIGURATION

Container	20' GP	40' GP
Pieces per pallet	30	30
Pallets per container	12	28
Pieces per container	360	840

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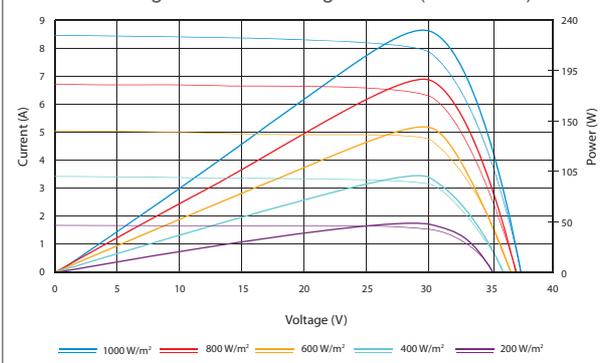
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CAUTION: Read safety and installation. instructions before using the product.

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Sepecifications included in this datasheet are subject to change without notice.

Current-Voltage & Power-Voltage Curve (SL230-24)



SunLink PV APPOINTED DEALER