

SLK60P6L

205 W - 240 W

Poly-Crystalline Solar Modules

Real World Tested • Globally Trusted



- Manufactured in the USA (San Diego, CA)
- Excellent Power Tolerance +3/0 %
- Outstanding Low-Light Performance
- 25 Year Power Output Warranty
- UL and TÜV Certified for Worldwide Applications
- High Performance Modules with Efficiency up to 14.8%

Why Siliken?

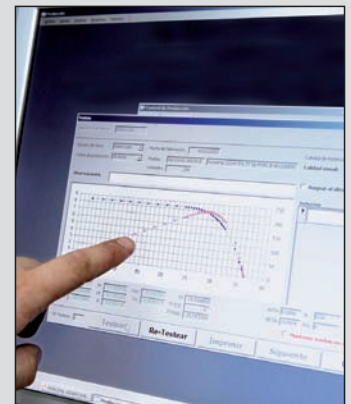
- Our U.S. operation is built on an 8 year track record in the European markets.
- Our global success has established a solid foundation to service the long-term needs of the solar industry.
- With over 160 MW installed worldwide, we have built a respected brand by consistently providing a quality product with proven performance.
- Our investment in R&D illustrates our commitment to reduce costs and improve efficiencies.



Siliken Reliability

The Siliken modules are certified according to UL and TÜV standards. The high quality and reliability ensure the prompt return of investment for any PV installation, including residential, commercial or utility scale.

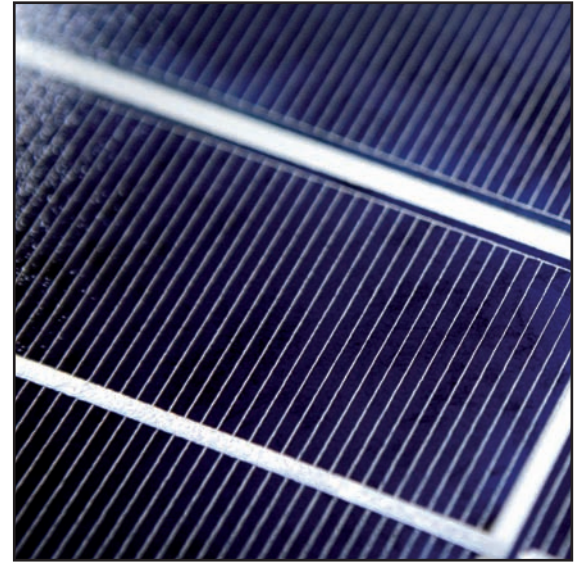
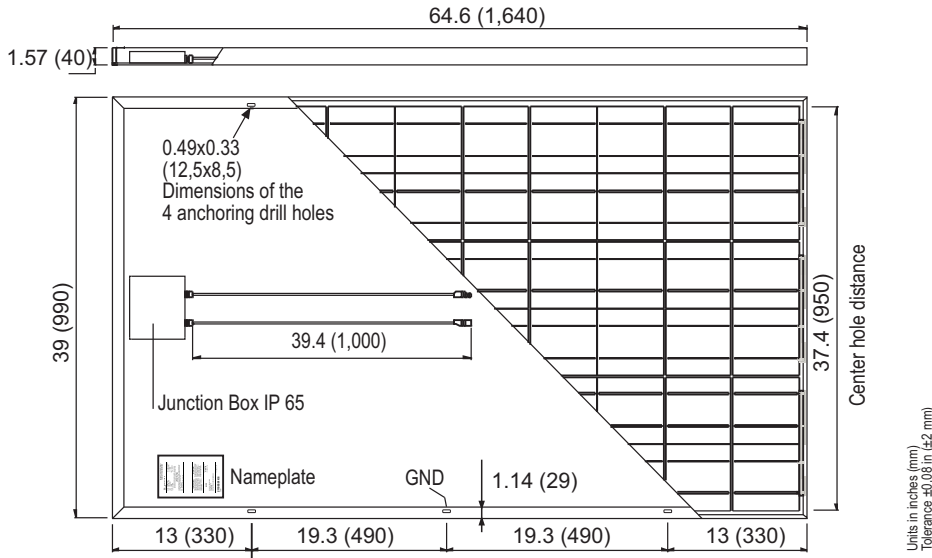
Each module goes through its testing phases, including strict power production verification and resistance tests in radiation simulators. With innovative products and solutions successfully implemented around the world, Siliken is a recognized global leader in solar power.



SLK60P6L

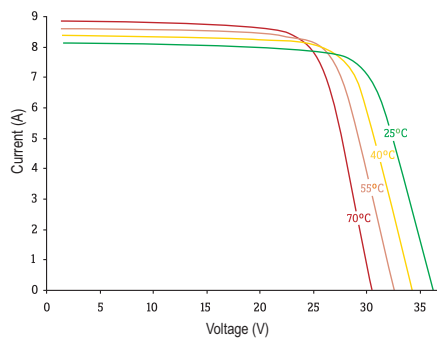
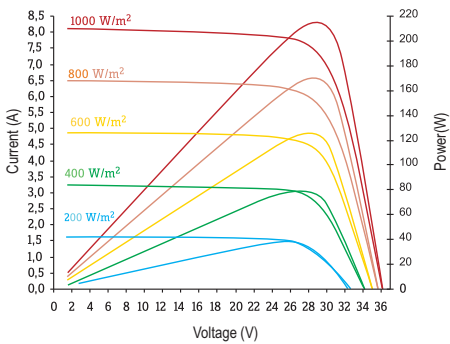
205 W - 240 W

Poly-Crystalline Solar Modules



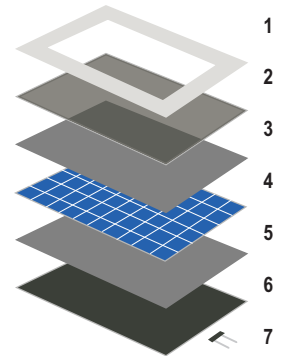
SLK60P6L - 225W
I-V and Pmax characteristics with a variety of radiation levels at 77°F (25°C)

SLK60P6L - 225W
I-V characteristics with a variety of cell temperatures at 92.94W/ft² (1,000 W/m²)



Constructive Characteristics

- 1 FRAME
- 2 GLASS PLATE
- 3 & 5 EVA
- 4 CELLS
- 6 BACKSIDE FOIL
- 7 JUNCTION BOX



Mechanical Data

Dimensions (LxWxD)	64.6 x 39 x 1.57 in (1640 x 990 x 40 mm)
Weight	41.9 lbs (19 kg)
Output Cables	RHW-2 AWG# 10 (5.2 mm ²) Symmetrical length cable 39.4 in (1 m) Multi-Contact connectors
Junction Box	IP-65 rated with bypass diodes
Frame	Anodized aluminum alloy type 6063 T6
Front Glass	0.125 in (3.2 mm) low iron tempered glass with high transmissivity
Solar Cells	60 Poly-crystalline cells 6 x 6 in (156 x 156 mm)

Certifications

UL Listed	UL 1703
Fire Rating	Class C
TÜV Certified	IEC 61215 / IEC 61730
EC Declaration of conformity (CE Mark)	
CEC (California Energy Commission) Program Registered	
FSEC (Florida Solar Energy Center) PV Module Certification	

Electrical Data

Maximum power at STC (+3/0 %)	P _{mp} (W)	205	210	215	220	225	230	235	240
Efficiency at STC	η (%)	12.6	12.9	13.2	13.6	13.9	14.2	14.5	14.8
Power per Unit Area	P _{SqFt} (Wp/SqFt)	11.7	12.0	12.3	12.6	12.9	13.2	13.4	13.7
CEC PTC* Rating	P _{PTC} (W)	183.8	188.4	192.4	197	201.5	206.1	210.7	216.1
Voltage at Maximum Power	V _{mp} (V)	28.7	28.9	29.0	29.2	29.3	29.5	29.5	29.6
Current at Maximum Power	I _{mp} (A)	7.15	7.30	7.41	7.54	7.68	7.79	7.97	8.12
Open Circuit Voltage	V _{oc} (V)	36.4	36.5	36.6	36.7	36.8	36.9	36.9	37.0
Short Circuit Current	I _{sc} (A)	7.90	8.00	8.02	8.10	8.20	8.32	8.47	8.61
Maximum Voltage UL / IEC	V _{max} (V) UL/IEC	600 / 1000							
Temperature Coefficient of Pmp	T _k P _{mp} (%/°C)	-0.43							
Temperature Coefficient of Voc	T _k V _{oc} (%/°C)	-0.356							
Temperature Coefficient of Isc	T _k I _{sc} (%/°C)	+0.062							
Normal Operating Cell Temperature	NOCT (°F)/(°C)	120.2±3.2 (49±2)							

Tested Operating Conditions

Temperature	-40 °F to +185 °F (-40 °C to +85 °C)
Static Load	50 psf (2400 Pa)
Max Load	112.8 psf (5400 Pa)
Impact Resistance	Hailstone impact Ø1 in at 52 mph (Ø25 mm at 23 m/s)

Warranty

25 year limited warranty of 80% output power
10 year limited warranty of 90% output power
5 year limited warranty of materials and workmanship

Values at Standard Test Conditions STC: Irradiance 92.94 W/ft² (1,000 W/m²), Air Mass AM 1.5 and cell temperature 77°F (25°C)

*PTC refers to PVUSA (Photovoltaics for Utility Scale Applications) Test Conditions. Irradiance 92.94 W/ft² (1,000 W/m²), 68°F (20°C) Air Temperature, Wind Speed 3.2 ft/s (1 m/s) at 32 ft (10 m) above ground level.

WARNING: Read the instruction manual carefully before using this product

NOTE: Siliken California Corp. reserves the right to modify this product without prior notice

MANUFACTURED IN THE USA

Siliken California, Corp.
1225 Exposition Way, Ste 160 • San Diego, CA 92154 USA

USA HEADQUARTERS

Siliken Renewable Energy, Inc
5901 Priestly Drive, Suite 170 • Carlsbad CA 92008 USA
Tel.: (760) 448-2080 • Fax: (760) 931-1085
siliken.usa@siliken.com • www.silikenusa.com