

# SLK60P6L BLK/WHT 215 W - 240 W

Poly-Crystalline Solar Modules

Real World Tested • Globally Trusted

**siliken**



- **Manufactured in the USA (San Diego, CA)**
- **Excellent Power Tolerance  $\pm 3\%$**
- **10 Year Workmanship Warranty**
- **25 Year Power Output Warranty**
- **Outstanding Low-Light Performance**
- **UL and TÜV Certified**
- **High Performance Modules with Efficiency up to 14.8%**

## Why Siliken?

- Our U.S. operation is built on a 9 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 300 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

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.

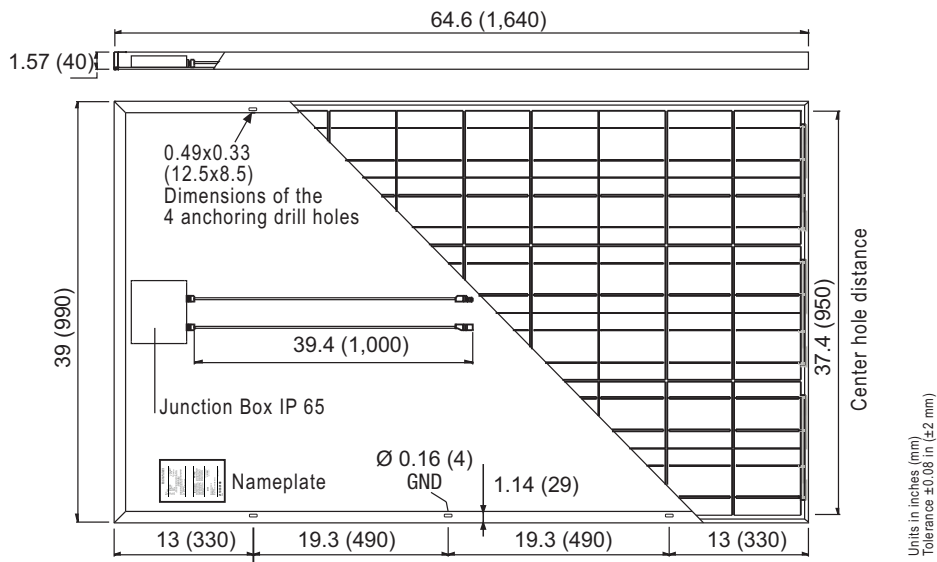
Each module goes through testing phases, including strict power production verification and resistance tests in radiation simulators. With innovative products and solutions successfully implemented around the world, Siliken is a recognized global leader in solar power.



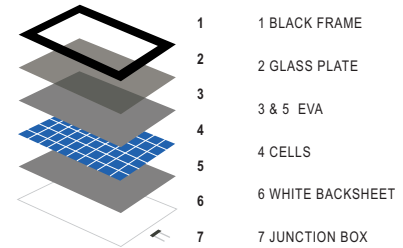
# SLK60P6L BLK/WHT 215 W - 240 W

Poly-Crystalline Solar Modules

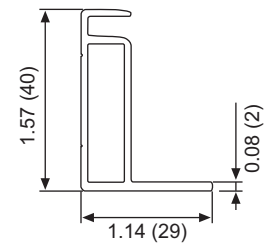
**siliken**



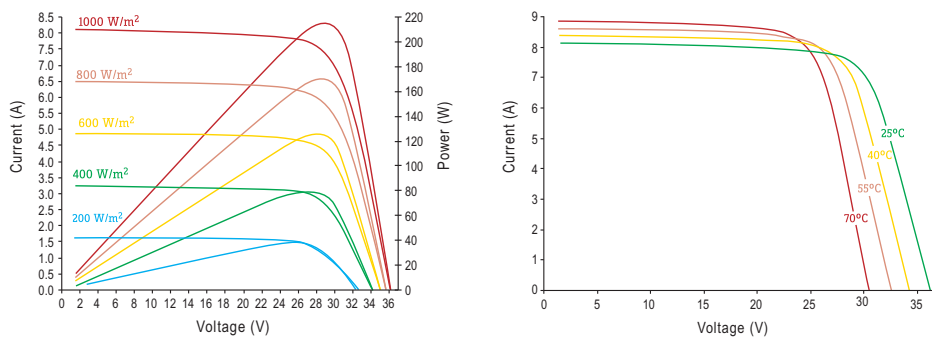
## Construction Characteristics



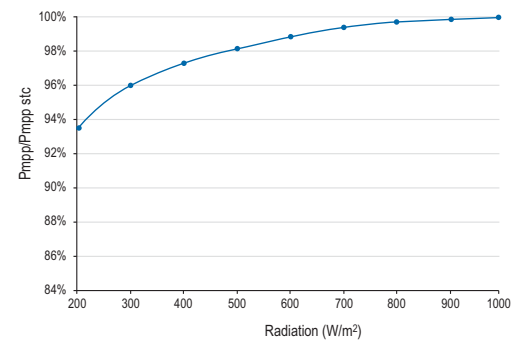
## Frame Cross Section



**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)



**Weak light performance at Pmp 77°F (25°C)**  
— Siliken module's average



## 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	Symmetrical length cable 39.4 in (1 m) Multi-Contact connectors
Junction Box	IP-65 rated with bypass diodes
Frame	15 microns black anodized aluminum alloy type 6063 T5.
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)

## Electrical Data

Maximum power at STC (±3 %)	P <sub>mp</sub> (W)	215	220	225	230	235*	240*
Efficiency at STC	η (%)	13.2	13.6	13.9	14.2	14.5	14.8
Power per Unit Area	P <sub>SqFt</sub> (Wp/SqFt)	12.3	12.6	12.9	13.2	13.4	13.7
Voltage at Maximum Power	V <sub>mp</sub> (V)	29.0	29.2	29.3	29.5	29.5	29.6
Current at Maximum Power	I <sub>mp</sub> (A)	7.41	7.54	7.68	7.79	7.97	8.12
Open Circuit Voltage	V <sub>oc</sub> (V)	36.6	36.7	36.8	36.9	36.9	37.0
Short Circuit Current	I <sub>sc</sub> (A)	8.02	8.10	8.20	8.32	8.47	8.61
Maximum Voltage UL	V <sub>max</sub> (V) UL	600					
Temperature Coefficient of Pmp	T <sub>kPmp</sub> (%/°C)	-0.43					
Temperature Coefficient of Voc/Vmp	T <sub>kVoc/TkVmp</sub> (%/°C)	-0.356 / -0.500					
Temperature Coefficient of Isc/Imp	T <sub>kIsc/TkImp</sub> (%/°C)	+0.062 / +0.030					
Normal Operating Cell Temperature	NOCT (°F)/(°C)	120.2±3.2 (49±2)					
Series Fuse Rating	A	15					
Bypass Diodes	A / V	15 / 40					

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)

\* Subject to availability.

WARNING: Read the instruction manual carefully before using this product. NOTE: Siliken California Corp. reserves the right to modify this product without prior notice

## 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	

## Test 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
10 year limited warranty of materials and workmanship

## MANUFACTURED IN THE USA

Siliken California, Corp.  
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