

**SLK60P6L 205 Wp - 240 Wp**

**POLY-CRYSTALLINE SOLAR MODULES**



**REAL WORLD TESTED • GLOBALLY TRUSTED**



- 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%
- Carbon Friendly



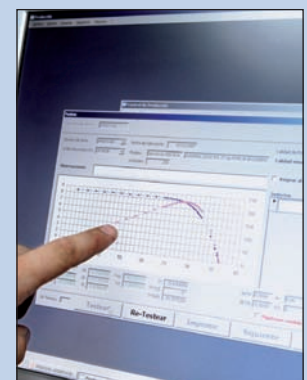
• Periodic inspection  
• Qualified, IEC 61215  
• Safety Tested, IEC 61730



**VERTICAL INTEGRATION + SUPPLY CHAIN CONTROL = EXCEPTIONAL PRODUCT RELIABILITY**

- Our global success has established a solid foundation to service the long-term needs of the solar industry.
- With over 153 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.

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 across the United States and around the world, Siliken is a recognized global leader in solar power.

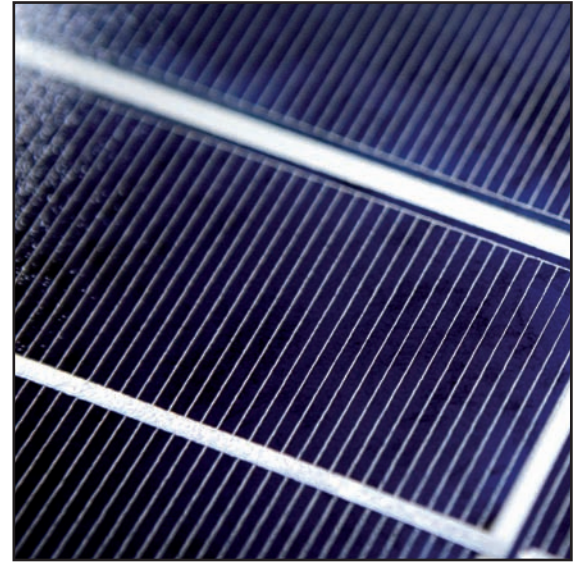
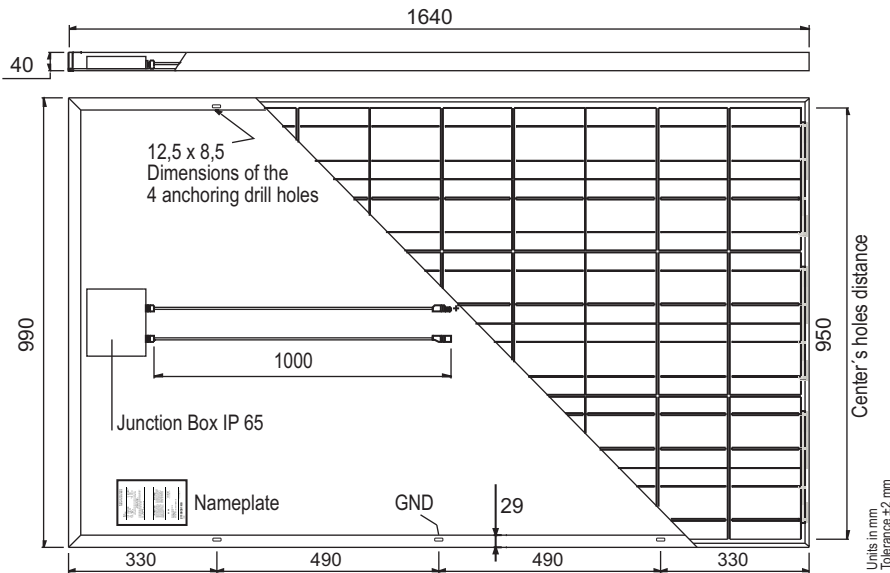


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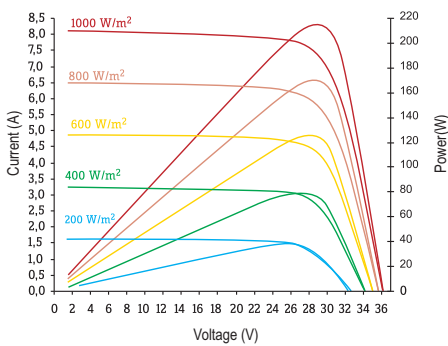
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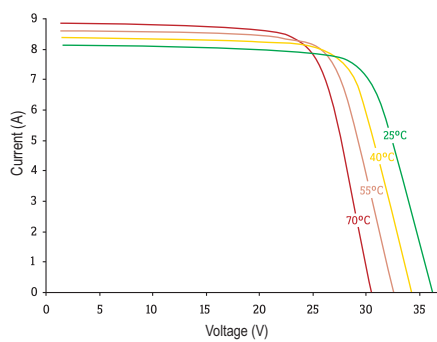
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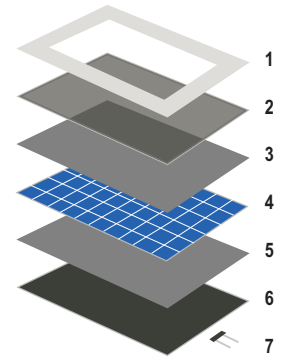
SLK60P6L - 225 Wp  
I-V and Pmax characteristics with a variety of radiation levels at 25°C



SLK60P6L - 225 Wp  
I-V characteristics with a variety of cell temperatures at 1.000 W/m²



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



## Mechanical Data

|                    |  |  |  |
|--------------------|--|--|--|
| Dimensions (LxWxD) | 1640 x 990 x 40 mm   |  |  |
| Weight             | 19 kg  |  |  |
| Output Cables      | Symmetrical length cable 1 m Ø4 mm², doble insulation coating, halogen free, UV resistance |  |  |
| Junction Box       | IP-65 rated with bypass diodes   |  |  |
| Frame              | Anodized aluminum alloy type 6063 T6   |  |  |
| Front Glass        | 3,2 mm low iron tempered glass with high transmissivity                                    |  |  |
| Solar Cells        | 60 Poly-crystalline cells 156 x 156 mm   |  |  |

## Electrical Data

| Maximum power at STC (+3/0 %)     | P <sub>mp</sub> (Wp)                  | 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  |
| Fill Factor                       | FF                                    | 0,713      | 0,719 | 0,732 | 0,740 | 0,746 | 0,749 | 0,752 | 0,753 |
| Voltage at Maximum Power          | V <sub>mp</sub> (V)                   | 28,7       | 28,9  | 29,0  | 29,2  | 29,3  | 29,5  | 29,5  | 29,6  |
| Current at Maximum Power          | I <sub>mp</sub> (A)                   | 7,15       | 7,30  | 7,41  | 7,54  | 7,68  | 7,79  | 7,97  | 8,12  |
| Open Circuit Voltage              | V <sub>oc</sub> (V)                   | 36,4       | 36,5  | 36,6  | 36,7  | 36,8  | 36,9  | 36,9  | 37,0  |
| Short Circuit Voltage             | I <sub>sc</sub> (A)                   | 7,90       | 8,00  | 8,02  | 8,10  | 8,20  | 8,32  | 8,47  | 8,61  |
| Maximum Voltage UL / IEC          | V <sub>max</sub> (V) UL/IEC           | 600 / 1000 |       |       |       |       |       |       |       |
| Temperature Coefficient of Pmp    | T <sub>k</sub> P <sub>mp</sub> (%/°C) | -0,47      |       |       |       |       |       |       |       |
| Temperature Coefficient of Voc    | T <sub>k</sub> V <sub>oc</sub> (%/°C) | -0,356     |       |       |       |       |       |       |       |
| Temperature Coefficient of Isc    | T <sub>k</sub> I <sub>sc</sub> (%/°C) | +0,062     |       |       |       |       |       |       |       |
| Normal Operating Cell Temperature | NOCT (°C)                             | 49±2       |       |       |       |       |       |       |       |

Values at Standard Test Conditions STC: Irradiance 1.000 W/m², Air Mass AM 1,5 and cell temperature 25°C

## Certifications

|  |                       |
|--|-----------------------|
| UL Listed                              | UL 1703               |
| Fire Rating                            | Class C               |
| TÜV Certified                          | IEC 61215 / IEC 61730 |
| ISO 9001:2000                          | N° ES08/5170          |
| ISO 14001                              | N° ES09/6520          |
| EC Declaration of conformity (CE Mark) |                       |

## Tested Operating Conditions

|                   |                                   |
|-------------------|-----------------------------------|
| Temperature       | -40 °C to +85 °C                  |
| Static Load       | 2400 Pa                           |
| Max Load          | 5400 Pa                           |
| Impact Resistance | Hailstone impact 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 |

## MANUFACTURED IN SPAIN

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**WARNING:** Read the instruction manual carefully before using this product

**NOTE:** Siliken Modules, S.L.U. reserves the right to modify this product without prior notice