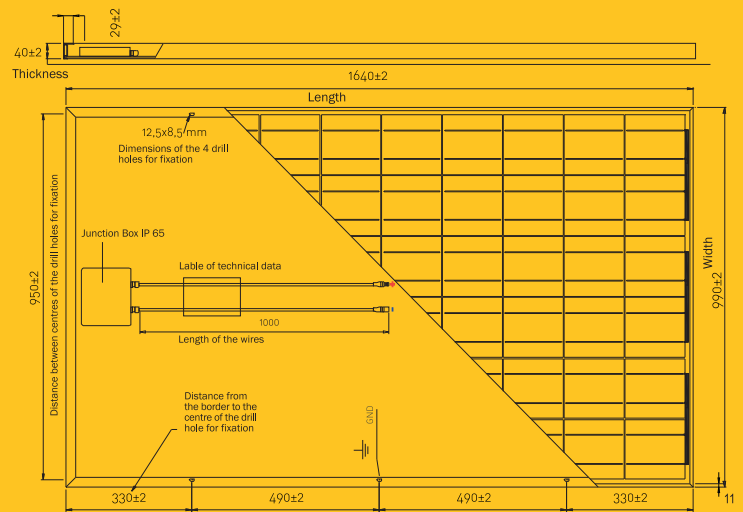
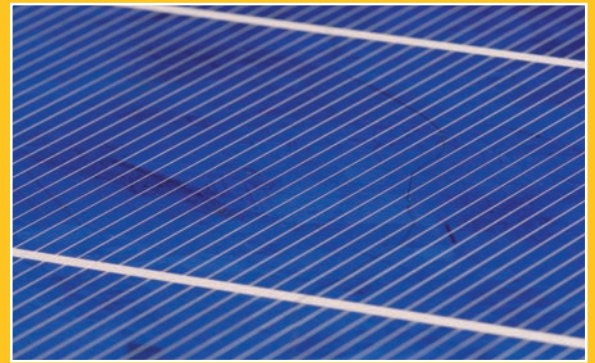


SLK60P6L



Characteristics and operating limits

Dimensions	990 x 1640 mm
Thickness including connection box	40 mm
Weight	19 kg
Maximum system voltage	1000 V _{CC}
Operating temperature	-40°C to +85°C
Grounding	Frame with two holes for grounding
Connection box	IP-65 with protective by-pass diodes
Output cables	Lengths of 1 m symmetrical cable, ø 4mm², double layer insulation, halogen free, UV radiation resistant.
Connection terminal	Error-proof quick polarity connector

The Siliken range of SLK60P6L panels offers various power levels with a maximum efficiency of 14.6%

Electrical data

Maximum power (±5%) (Wp)	P _{mpp}	200	205	210	215	220	225	230	235	240	245
Maximum peak power voltage (V)	U _{mpp}	28,6	28,7	28,9	29	29,2	29,3	29,5	29,5	29,6	29,6
Maximum peak power current (A)	I _{mpp}	7	7,15	7,3	7,41	7,54	7,68	7,79	7,97	8,12	8,27
Open circuit voltage (V)	U _{oc}	36,4	36,4	36,5	36,6	36,7	36,8	36,9	36,9	37	37
Short-circuit current (A)	I _{sc}	7,8	7,9	8	8,02	8,1	8,2	8,32	8,35	8,4	8,4

Details referring to standard test conditions (STC): Radiation of 1000 W/m² with AM 1.5 spectrum and a cell temperature of 25°C

Normal operating temperature	NOCT	46±2 °C
Power temperature coefficient	Tk (Pn)	-0.43 %/°C
Open circuit voltage temperature coefficient	Tk (Voc)	-127.2 mV/°C
Short circuit current temperature coefficient	Tk (Isc)	+2.3 mA/°C

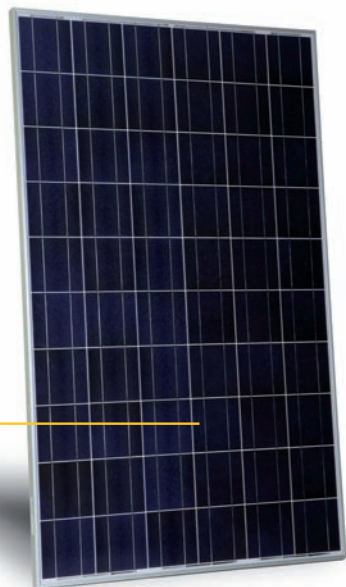
NOCT, Normal operating cell temperature: Radiation of 800 W/m², ambient temperature of 20°C, wind speed of 1 m/s

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WARNING: Carefully read the instructions manual before using this product
NOTE: Siliken Modules, S.L.U reserves the right to modify this product without notice

SLK60P6L



En Siliken, the electric characteristics of each photovoltaic module are individually monitored and the results are left at the disposal of the customer.

All the modules have a serial number which allows the identification at every stage of production. These serial numbers are shown in the guarantee.

Siliken guarantees:

- The materials making up the photovoltaic modules and any possible defects due to the manufacturing process for 5 years.
- A power provided by the photovoltaic module of at least 90% of the minimum output power for 10 years.
- A power provided by the photovoltaic module of at least 80% of the minimum output power for 25 years.
- Measured under Standard test conditions (STC= 1000W/m², 25°C, AM1.5)

Resistance to meteorological agents:

Siliken modules have been designed according to Standard IEC-61215 which sets out the requirements for terrestrial photovoltaic modules for long-term open-air use in moderate climates. This ensures that modules are resistant to weather conditions ranging from 130 km/h winds, more loads of snow of 540 Kg/m², and hailstones of 25 mm diameter falling at a maximum speed of 23 m/s, static charges and ice.

Applications

This module is suitable for grid connected installations. Its mechanical and electrical characteristics make the installation quick and simple. Moreover, its heightened efficiency allows an optimum output with respect to the surface used for the installation.

Constructive Characteristics

1 FRAME

Of anodized aluminium, pre-drilled for a quick and easy assembly.

2 GLASS

Tempered, of high transmission and thickness of 3.2 mm.

3 and 5 EVA

(Ethylene and Vinyl Acetate) Enclosing Material.

4 CELLS

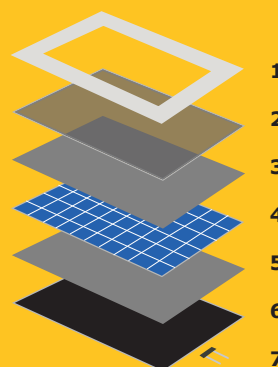
60 polycrystalline cells with serial connection, textured to make best use of solar irradiance, with efficiency of up to 16%

6 BACKSIDE FOIL

Electrical insulation, protecting rear part of the module.

7 CONNECTION BOX

IP65 specification. Providing a simple method of electrically connecting the module to the rest of the installation.



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