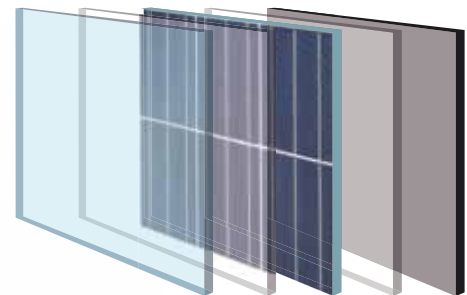


## 60 cells - Standard or Solrif frame

6 strings of 10 high yield monocrystalline cells



1. Solar quality glass
2. EVA
3. Cells
4. EVA
5. Tedlar (PVF)

Solar quality glass, thickness 4 mm,

Resistance to extreme climatic conditions (5400 pa),

Assembly Verre-EVA-Backsheet made under vacuum for an excellent encapsulation of the cells.



Certifications IEC 61215 et IEC 61730 parts I and II.  
Security class II.  
Manufacturer guarantee : 10 years.

Guarantee of functioning :  
- 90% during 12 years.  
- 80% during 25 years.

# Monocrystalline modules

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Photovoltaic panels	60 M 250	60 M 255	60 M 260	60 M 265 (1)
Maximum Power at STC (Pmax)	250	255	260	265
Power tolerance**	+/-3%			
Color of backsheet	White* / Black	White / Black	White	White
Module's efficiency per m2 (%)	15	15,3	15,6	15,9
Kind of cells	Monocrystalline			
Number of cells	60			
Cells dimensions (mm)	156 x 156			
Normal Operating Cell Temperature (Noct)	45 +/- 1 °C			
Maximum System Voltage	1000 V			
Optimum Operating Voltage Vpm (V)	30.5	30.6	30.75	30.8
Optimum Operating Current Ipm (A)	8.2	8.35	8.45	8.6
Open - Circuit Voltage Voc (V)	37.6	37.7	37.85	37.90
Short - Circuit Current Isc (A)	8.7	8.8	8.9	9,05
Maximal Admissible Reverse Current (A)	15			
Number of by-pass diodes	3			
Impact of the cells temperature :				
Icc	+ 4.2 mA/°C			
Voc	- 126 mV/°C			
Pm = Ipm*Vpm	- 0.41 %/°C			
Operating temperature	-40...+85°C			
Connections	Lumberg LC4			

According to conditions of standardized test ( STC): period of sunshine of 1000 W / m2, AM 1.5, temperature of cells 25°C.

\* Subject to availability of cells. Consult SILLIA Energie before any order. \*\* Other electrical tolerances +/-10%

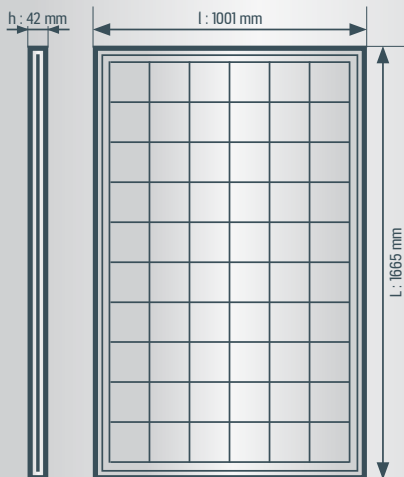
(1) Production with an Anti Reflections Coating Glass

## MECHANICAL CHARACTERISTICS

### Standard frame (anodized aluminium)

Module's weight : 22 kg

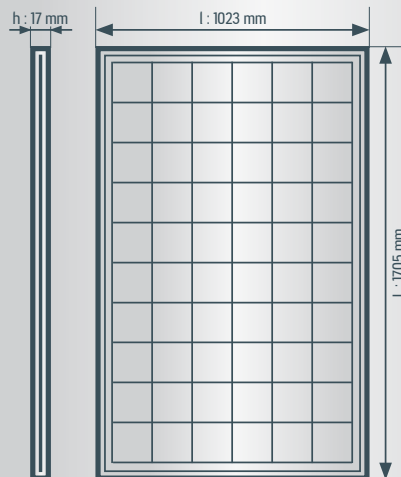
Cable's length : 2 x 1 m



### Solrif frame

Module's weight : 20,5 kg

Cable's length : 2 x 1,20 m



	L	l	h
Dimensions (mm)	1665	1001	42

Portrait or landscape orientation - Dimensions +/- 2.5 mm

	L	l	h
Dimensions of installation (mm)	1686	991	17
Dimensions (mm)	1705	1023	17

Landscape orientation