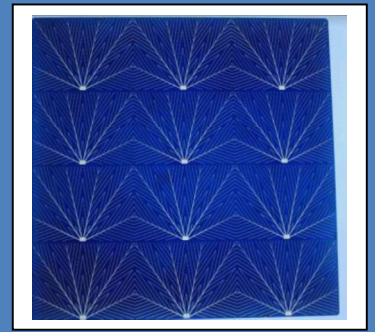


STL-DB-B 95 W m-f

MULTICRYSTALLINE SOLAR MODULE

Great Reliability and High Power Output



A new Concept of Photovoltaic Solar Cells

Innovative Technology

The Module uses the innovative i-Cell technology. The design of Linea Module is an advance in module innovation. We teamed with renowned institutes and manufacturers to develop process and build advanced equipment to fabricate PV modules delivering high performance that guarantees a fast return of investment

22 Cell Equivalent MULTICRYSTALLINE MODULE

≥ 95 W

POWER OUTPUT RANGE

CERTIFICATION

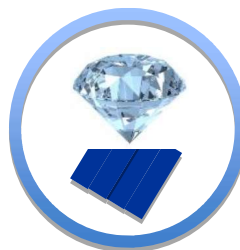


Features



Power Gain

The Linea Module design reduces to zero the electrical resistance losses that allowing power gain compared to classical PV modules.



High Reliability

All modules must pass EL inspection

Improved shade performance due to sophisticated internal design of module

Made in France



Great BOS Cost Saving

High efficiency modules resulting to the reduction of surface needed and to the investment on Balance Of Systems, BOS



Great Aesthetics

The solar Modules integrates a new silver cell pattern designed by S'TILE. « Tailor-made » to meet the aesthetic constraints of buildings.

Electrical Characteristics

MODULE RATINGS AT STANDARD TEST CONDITIONS (1000 W/m², AM 1.5, 25°C)

Electrical DATA @ STC	STL-DB-B 95 W
Nominal Power at STC (Pmp/W)	95
Power OutPut Tolerance (%)	0/+5
Short Circuit Current (Isc /A)	8.59
Open Circuit Voltage (Voc /V)	14.3
Maximum Power Current (Imp/A)	8.01
Maximum Power Voltage (Vmp/V)	11.9

RATINGS AT NOMINAL OPERATING CELL TEMPERATURE OF 45°C (800 W/m², 20°C, AM 1.5, 1m/s wind speed)

Electrical DATA @ NOCT	STL-DB-B 95 W
Nominal Power at STC (Pmp/W)	76
Short Circuit Current (Isc /A)	6.87
Open Circuit Voltage (Voc /V)	14.1
Maximum Power Current (Imp/A)	6.48
Maximum Power Voltage (Vmp/V)	11.7

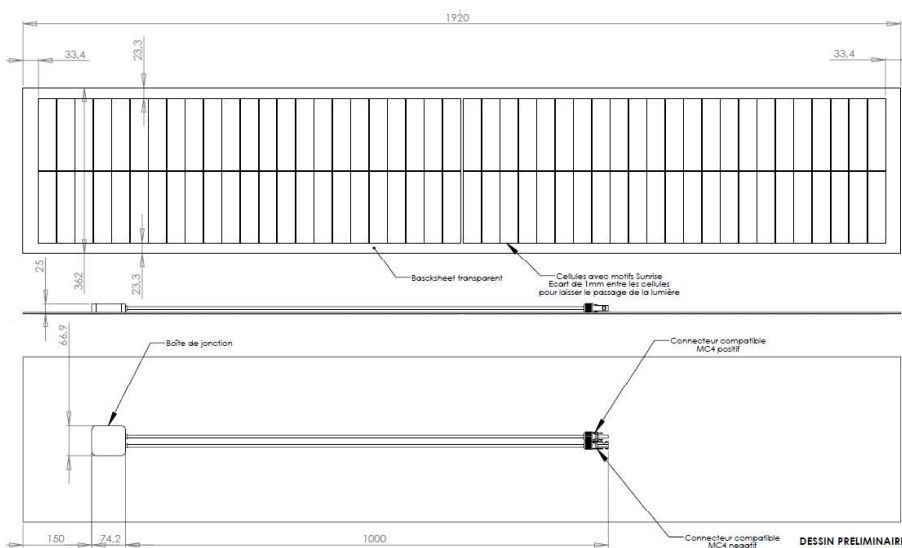
Temperature Characteristics

Nominal Operating Temperature	45±2°C
Temperature Coefficient of Pmax	-0.40 %/°C
Temperature Coefficient of Voc	-0.32 %/°C

Maximum Ratings

Operating temperature (°C)	-40 to +85
Maximum series Fuse IR	15 A
Maximum System Voltage	1000 V
Max Reverse Current	25 A
Fire classification (Europe)	C

Mechanical Parameters



Solar cells	Multicrystalline
Number of string	1
Junction Box	IP65 rated
Output Cable	4mm ² , 1000mm inlength
Connector	MC4
Modules Dimensions	1920x362x26 mm
Weight	7 kg
Glass	AR Coated ,Tempered Solar Glass-3.2 mm
Backsheet (PET based Film)	Transparent
Frame	Anodized Aluminum Alloy

Note ! Specifications subject to change without notice

Certification

IEC 61215 - ed2
IEC 61730 - ed1
Certisolis certification

Warranty

Product Warranty	10 years
Output Warranty of Pmax	Linear Warranty ¹

¹The Module warranted to deliver in 1st year. 97%, then decline to by 0.6% annual degradation, ending 82 % for 25 years