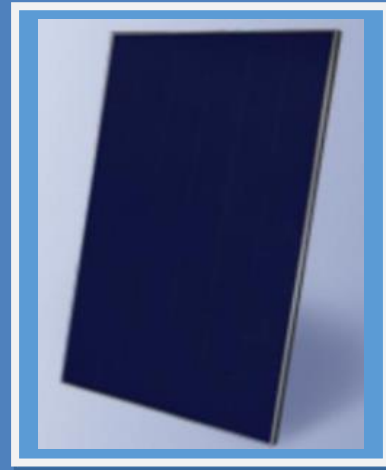


Linea 380 W

MONOCRYSTALLINE SOLAR MODULE

Great Reliability and High Power Output



A new Concept of Photovoltaic Solar Modules

Innovative Technology

Linea Module uses the innovative i-Cell technology. The design 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

72 Cell Equivalent MONOCRYSTALLINE SOLAR MODULE

POWER OUTPUT RANGE

380 - 390 W

CERTIFICATION

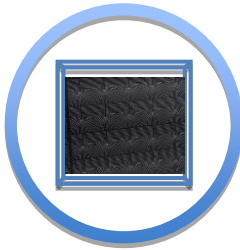


Features



Power Gain

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



Great Aesthetics

No Visible Copper Busbar in front side
Custom fingers design



High Reliability

All modules must pass EL inspection
Improved shade performance due to sophisticated internal design of module



Great BOS Cost Saving

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

Electrical Parameters

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

Electrical DATA @ STC	Linea 380 W	Linea 390 W	Linea 400 W
Nominal Power at STC (Pmp/W)	380	390	400
Power OutPut Tolerance (%)	0/+5	0/+5	0/+5
Short Circuit Current (Isc /A)	9.76	9.79	9.85
Open Circuit Voltage (Voc /V)	51.7	51.9	52.1
Maximum Power Current (Imp/A)	8.93	9.04	9.15
Maximum Power Voltage (Vmp/V)	42.6	43.2	43.7

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

Electrical DATA @ NOCT	Linea 380 W	Linea 390 W	Linea 400 W
Nominal Power at STC (Pmp/W)	274.5	281.9	288.5
Short Circuit Current (Isc /A)	7.93	7.95	8.00
Open Circuit Voltage (Voc /V)	47.2	47.4	47.6
Maximum Power Current (Imp/A)	7.16	7.25	7.34
Maximum Power Voltage (Vmp/V)	38.3	38.9	39.3

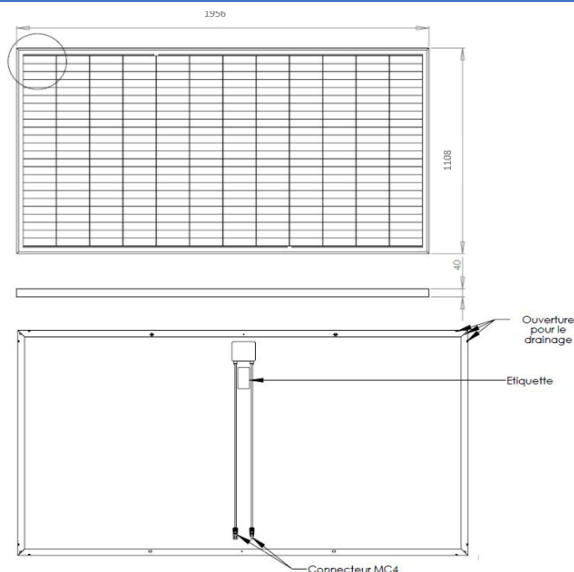
Temperature Characteristics

Nominal Operating Temperature	45±2°C
Temperature Coefficient of Pmax	-0.40 %/°C
Temperature Coefficient of Voc	-0.32 %/°C
Temperature Coefficient of Isc	+0.064 %/°C

Maximum Ratings

Operating temperature (°C)	-40 to +85
Maximum series Fuse IR	15 A
Maximum System Voltage	1000 V
Maximum load	2400 Pa
Max Reverse Current	30 A
Fire classification (Europe)	C

Mechanical Parameters



Solar cells	Monocrystalline
Number of strings	12
Junction Box	IP67-3 Diodes
Output Cable	4mm ² . 1200mm in length
Connector	MC4 Compatible
Modules Dimensions	1956x1108x40 mm
Weight	22.5 kg
Glass	AR Coated. Tempered Solar Glass-3.2 mm
Backsheet (PET based Film)	White (Black available)
Frame	Gray Anodized Aluminum Alloy (Black available)
Packaging	20 pcs per Pallet

Certification

IEC 61215 - ed2

IEC 61730 - ed1

Certisolis certification

Warranty

Product Warranty	5 years ¹
Output Warranty of Pmax	Linear Warranty ²

¹ 10-Year Extendable Warranty

² The linea Module warranted to deliver in 1st year. 97%, then decline to by 0.6% annual degradation, ending 82 % for 25 years

Note ! Specifications subject to change without notice

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