



Power range:
 from 310 to 350 Wp



Positive tolerance:
 from 0 to +4,99 Wp



Frame color range:
 RAL8017



Backsheet color range:
 Black



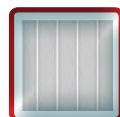
Glass color range:
 Red



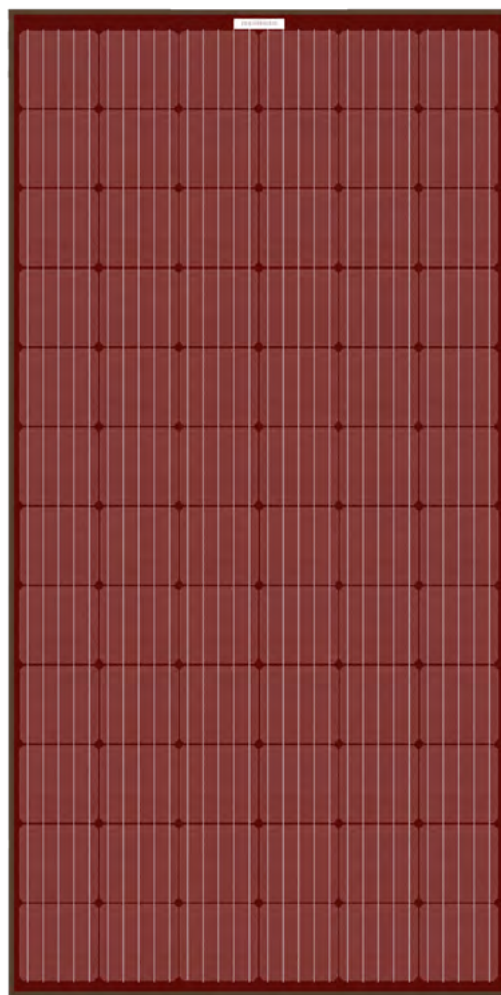
Fire resistance:
 class of reaction to fire 1 (UNI 9177)



Warranty:
 12 year against manufacturing defects



Cell and color:
 5BB Monocrystalline



Specifications

- Use of tempered glass anti-glare with low iron content and high quality for optimum light collection.
- Anodised aluminium frame which provides solidity and sturdiness to withstand constant loads and climatic stresses such as snow and ice with applied pressure max 5,4kN/m²
- NOCT = 45°C
- Temperature range from -40°C a 85°C
- Mechanical load on surface max 550 kg/m²
- Hail impact resistance ø 25mm a 86 km/h

System certifications

- Corporate Quality Management EN ISO 9001:2008
- Environmental Management EN ISO 14001:2004
- Management of Health and Safety at the Workplace BS/OHSAS 18001:2007
- Certificates issued by TUV Rheinland ID:9105084080

Product certifications

- IEC 61215:2005
- EN 61730-1/-2:2007
- Class of reaction to fire I (UNI 9177)
- Anti-corrosion saline IEC 61701
- Anti-corrosion ammonia IEC 62716
- PID Free - Classe A
- Safety class II
- Factory Inspection
- Production "made in Italy"
- EC Directives: EMC 2004/108/EC; 2006/95/EC low Voltage

Measure VE372PVMR

• Length	1980	mm
• Width	1000	mm
• Height	40	mm
• Weight	26,5	kg
• Frame	Anodized or painted aluminium	
• Glass thickness	4,0	mm

Guarantees

- 12 year warranty against manufacturing defects*
- 25 year linear warranty to 82.5% of the maximum declared power*

*If used and installed according to technical and operational instructions. The Company reserves the right to make changes to product specifications. This data sheet corresponds to the requirements of Standard EN50380. Rel.3 09/2020

Behavior in standard test conditions STC*

Power class (maximum value)	P_{max}	310 Wp	320 Wp	330 Wp	340 Wp	350 Wp
Efficiency	η	15,66 %	16,16 %	16,67 %	17,18 %	17,68 %
Open-circuit voltage	V_{oc}	44,30 V	45,01 V	45,71 V	46,36 V	47,08 V
Short-circuit current	I_{sc}	8,98 A	9,13 A	9,27 A	9,56 A	9,66 A
Maximum power voltage	V_{mp}	36,96 V	37,56 V	38,14 V	38,06 V	38,64 V
Current at maximum power	I_{mp}	8,39 A	8,52 A	8,65 A	8,94 A	9,06 A

* Note - Powers about the photovoltaic module with white backsheet, under standard conditions: Irradiation 1000 W/mq - Module temperature = 25°C - Air mass AM 1,5

Measurement tolerance solar simulator class A (- / + 2%) in accordance with IEC 60904-9

Materials used

Cells per module	60
Cell type	5BB Monocrystalline
Cell size	158,75 mm x 158,75 mm
Front side	Anti-glare tempered glass (EN 12150)
Backsheet glass	Red
Backsheet color	Black

Parameters for optimal integration into the system

Maximum system voltage class II	1000 V
Load capacity of reverse current	15 A
High snow loads (standard IEC 61215)	max 5,4 kN/m ²
Number of bypass diodes	3

Thermal characteristics

NOCT**	45 +/- 2°C
TC I_{sc}	0,059 %/°C
TC U_{oc}	-0,322 %/°C
TC P_{mpp}	-0,34 %/°C

**Note - Powers about the photovoltaic module with white backsheet, under NOCT conditions: Irradiation 800 W/mq - Module temperature = 45°C - Air mass AM 1,5

More Info

Sorting tolerance P_{max}	0/+4,99 W
Type of protection (IP)	IP65
Connector	MC4
Cable	Solar cable 4mm ² - Length 1m

