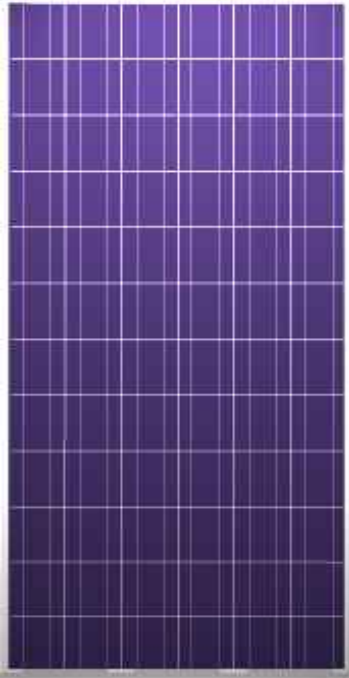


# VISEL

VISEL PLACAS S.L.  
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## VS-P72 PV MODULES SERIES

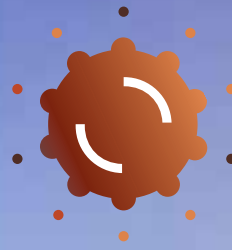


- **Dinamic and high quality:** Visel photovoltaic modules are designed for large electrical power requirements offering power and reliable performance for on-grid and off-grid solar projects.
- **Large european guarantee:**
  - Guarantee product: 5 years.
  - Power output guarantee: 90% in 12 years and 80% in 25 years.
- **Best raw materials:**
  - Cells: high efficiency ensuring optimum performance and maximum power.
  - Frame: anodised aluminium, high torsion resistance, drainage holes.
  - Glass: anti-reflecting coating and elevate transmission rate.
- **All compliance pass:** tested by TUV certificated according to IEC61215 and IEC61730.
- **High resistance:** good performance of preventing from atrocious weather, resisting moisture and etching effectively, not effect geology.

## ELECTRIC SPECIFICATION

Model Type	VS250P-72	VS260P-72	VS270P-72	VS280P-72	VS290P-72
Max. Power (Pmax)	250Wp	260Wp	270Wp	280Wp	290Wp
Max. Power Voltage (Vmp)	34.8V	34.85V	34.9V	35V	35.5V
Max. Power Current (Imp)	7.18A	7.46A	7.73A	7.99A	8.08A
Open-Circuit Voltage (Voc)	44.3V	44.3V	44.4V	44.6V	44.7V
Short-Circuit Current (Isc)	7.79A	8.04A	8.16A	8.35A	8.56A
Module Efficiency (%)	13.10%	13.36%	13.87%	14.39%	14.64%
Power Tolerance				± 3%	
Max. System Voltage				1000V	
Max. Series Fuse Rating				15A	
Temp. Coefficient of Pmax				-0.48%	
Temp. Coefficient of Voc				-0.347%	
Temp. Coefficient of Isc				0.055%	
NOCT				47± 2%	

These values are effective for irradiation 1000W/m<sup>2</sup>, AM 1.5 and a cell temperature of 25 °C (standard test conditions)



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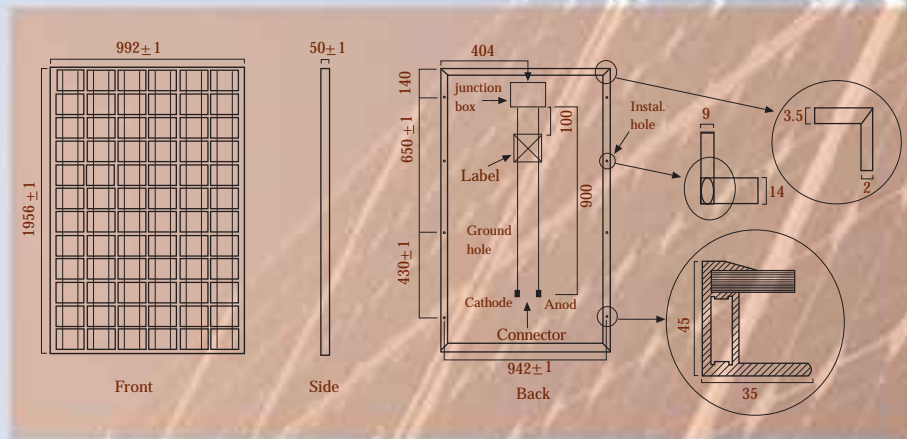
## MECHANICAL SPECIFICATIONS

Cell Type	Multy-crystalline 156 x 156 mm
Nº of Cells	72 (6 x 12)
Module Dimension	1956 x 992 x 50 mm
Weight	23.5 Kg
Glass	3.2 mm, High transmission, low iron, tempered
Frame	Anodized aluminium alloy
Junction box	With 6 bypass diode, IP67 resistance level
Cable	PVF-1, 1 x 4.0 mm <sup>2</sup> , 900 mm length
Cell encapsulation	EVA (ethylene-vinyl-acetat)

## OPERATING CONDITIONS

Temp. cycling range	-40°C / 85°C
Humidity freeze, famp heat	85% RH
Maximun surface load capacity	5400 Pascal
Hailstone impact resistance	Max. diameter 25 mm impact speed of 83 Km/h

## ENGINEERING DRAWING



## POWER

