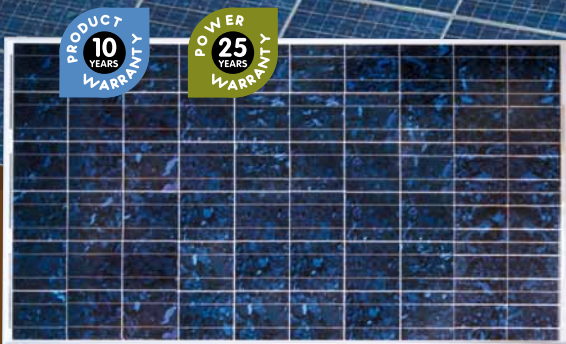


PW2350

The high efficiency photovoltaic module for your most advanced projects



Photowatt®. Bringing solar systems to life

The only French manufacturer of photovoltaic systems and an acknowledged key player in this market for 30 years, Photowatt® has total control of its production, in terms of component quality, cost management, competitiveness, low CO₂ emissions, secure supplies and compliance with schedules.

The PW2350 photovoltaic module is the Premium module of Photowatt's range. Its positive tolerance, its quality certificates together with its tempered glass offer high efficiency for your solar projects.

Benefiting from 30 years of Photowatt's know-how, and manufactured with 60 cells, this module offers a long term high electrical performance.

Thanks to its optimized design, this module perfectly suits your projects financial and electrical requirements.

QUALITY CERTIFICATES

IEC 61215

IEC 61730

IEC 61701

CE

MCS

ISO9001: 2008

KEY FEATURES

10 years product warranty



25 years module power output **linear** warranty



Positive power tolerance:
0/+5 Wp

PW2350

ELECTRICAL CHARACTERISTICS

Typical power	W	220	225	230	235
Power tolerance	W	0/+5	0/+5	0/+5	0/+5
Voltage at typical power	V	29.8	29.7	29.8	29.9
Current at typical power	A	7.50	7.69	7.75	7.86
Open circuit voltage	V	37.1	37.1	37.2	37.2
Short circuit current	A	8.25	8.28	8.33	8.38
Maximum system voltage	V	1000V DC			
Maximum reverse current (IRM)	A	15			
NOCT	°C	47.1 +/- 2			
Temperature coefficient		α (Isc) = + 0.04%/°C			
		β (Voc) = - 0.36%/°C			
		δ (Pmax) = - 0.43%/°C			

Under Standard Test Conditions : irradiance of 1000 W/m², spectrum AM 1,5 and cells temperature of 25°C

MECHANICAL CHARACTERISTICS

Module weight	20 kg
Module size	1638 x 982 x 40 mm
Cell Type	Poly-crystallines
Cell size	156 x 156 mm
Cell number and arrangement	60 (6 x 10)
Front cover	Tempered glass
Frame material	Anodized aluminium alloy
Operating temperature	-40°C to +85°C
Acceptable maximum load	5400 Pa

PACKAGING

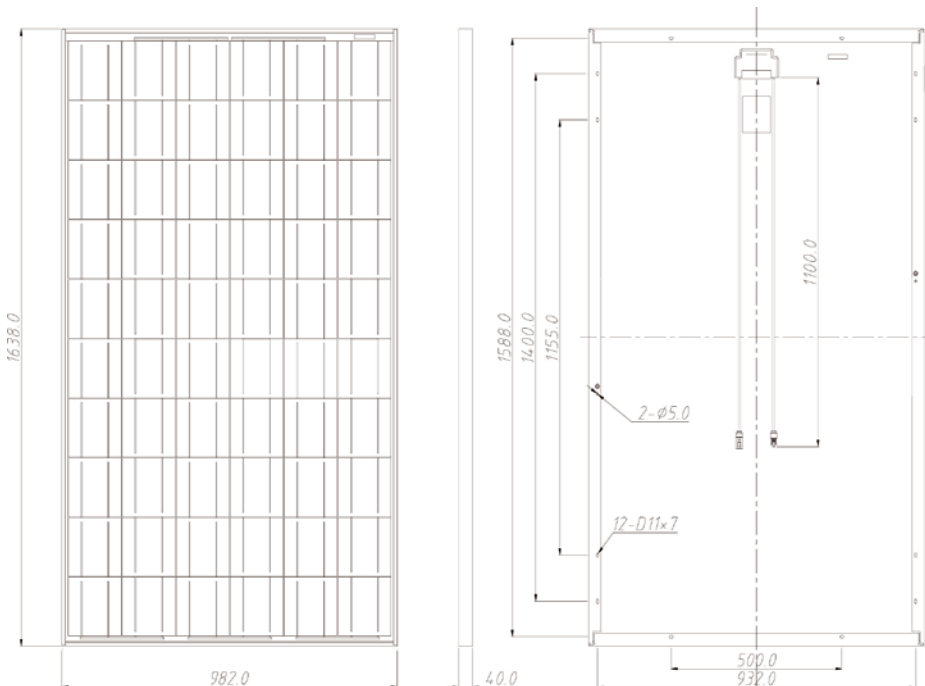
Packaging configuration	20 modules per pallet
Packaging size	1685 x 1035 x 1010 mm
Maximum pallet weight (20 modules)	450 kg

WIRING

Solar cables

Length	1100 mm
Section	4 mm ²
Connector type	MC4

TECHNICAL DRAWINGS



D32-P09-01 GB indice 1 - Informations in this document could be modified without prior notification. Values subject to change with process improvement.



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 systems
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