

PW2450F

The high quality **photovoltaic module** «Made in Europe»

HIGH MODULE
CONVERSION EFFICIENCY
UP TO **15.2%**

25
YEARS

POWER
WARRANTY

10
YEARS

PRODUCT
WARRANTY

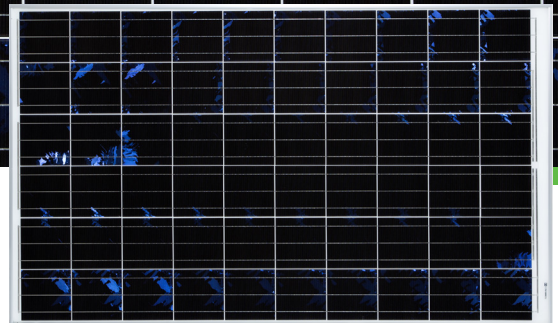


Photowatt

Photowatt has been a pioneer in the solar-energy industry for 35 years. The company designs and produces photovoltaic modules using crystalline silicon, integrating the manufacturing of all components: ingots, wafers and cells. Photowatt makes a priority of meeting strict environmental standards so as to achieve consistency between its operations and practices, whether in terms of limiting its carbon footprint, organizing panel recycling or adhering to the profession's best practices.

Monolike cells of PW2450F module are made in France, from processes continuously improved according to the most advanced technologies.

Photowatt is a trademark of EDF ENR PWT, subsidiary of EDF Energies Nouvelles group.



QUALITY CERTIFICATES

IEC 61215

CE

IEC 61730

ISO 9001 : 2008

IEC 61701

CARACTÉRISTIQUES

CO2 : Very low carbon footprint

0/+5 Wp : Positive tolerance

High resistance to snow loads (5400 Pa)

10 years product warranty

25 years module power output linear warranty

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PW2450F

TECHNICAL CHARACTERISTICS

Typical Power	W	230	235	240	245	250	255
Power tolerance	W	0/+5	0/+5	0/+5	0/+5	0/+5	0/+5
Voltage at typical power	V	30,0	30,1	30,2	30,3	30,4	30,5
Current at typical power	A	7,8	7,9	8,0	8,1	8,2	8,4
Open circuit voltage	V	37,1	37,2	37,3	37,4	37,5	37,7
Short circuit voltage	A	8,3	8,4	8,5	8,6	8,7	8,9
Module conversion efficiency	%	13,7	14,0	14,3	14,6	14,9	15,2
Maximum system voltage	V	1000					
Maximal serie fuse rating	A	15					
NOCT	°C	47,3 +/-2					
Temperature coefficient	Isc = +0,06%/°C; Voc = -0,34%/°C; Pmax = -0,42%/°C						

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

MECHANICAL CHARACTERISTICS

Module weight	20 kg
Module size	1685 x 993 x 40 mm
Cell type	Monolike
Cell size	156 x 156 mm
Cell number and arrangement	60 (6 x 10)
Front cover	AR coating tempered glass
Front material	Anodized aluminium alloy
Operating temperature	-40°C to +85°C
Acceptable maximum load	5400 Pa

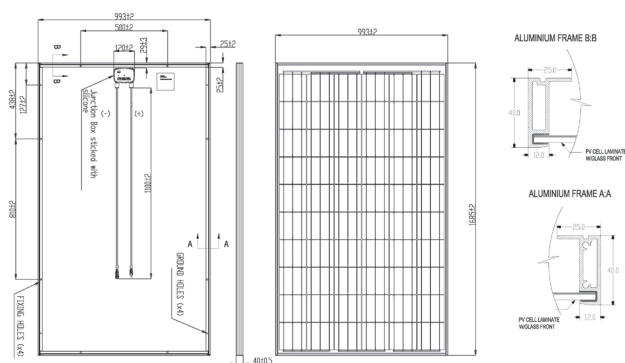
PACKAGING

Packaging configuration	24 modules per pallet
Packaging size	1755 x 1145 x 1250 mm
Maximum pallet weight	520 kg

WIRING (Solar cables)

Length	1100 mm
Section	4 mm ²
Connector type	MC4 or MC4 compatible

DESSINS TECHNIQUES



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For more information, please contact us: www.photowatt.com

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