

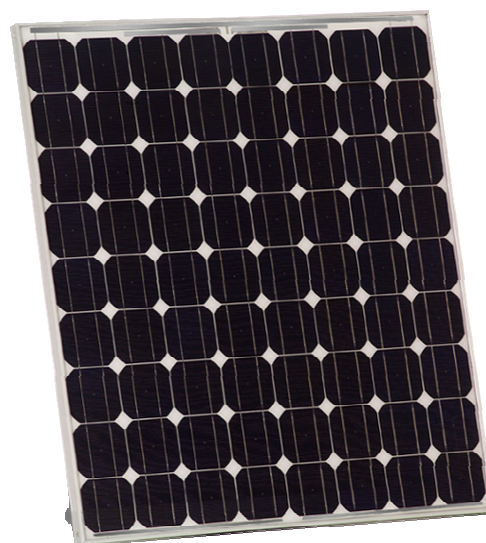
PHOTOVOLTAIC MODULE IS-150S / 12

PHYSICAL CHARACTERISTICS

SIZE	1224 x 1047 x 39.5 mm
WEIGHT	15 Kg
PACKING CONDITIONS	4 modules per box / 25 modules per box
SIZE OF PACKING BOX	1355 x 1170 x 230 mm / 1285 x 1107 x 1215 mm

ELECTRICAL CHARACTERISTICS (1.000 W / m², 25° C cell, AM 1.5)

MAXIMUM POWER (P _{MAX})	150 W _p +/- 5%
MAXIMUM POWER CURRENT (I _{MAX})	8.7 A
MAXIMUM POWER VOLTAGE (V _{MAX})	17.3 V
SHORT CIRCUIT CURRENT (I _{SC})	9.3 A
OPEN CIRCUIT VOLTAGE (V _{OC})	21.6 V
NOCT (800 W / m ² , 20° C, AM 1.5, 1 m / s)	47° C
MINIMUM VALUE OF SERIAL FUSE	20 A
MAXIMUM SYSTEM VOLTAGE	760 V



CONNECTION BOX

SIZE (LENGTH x WIDTH x HEIGHT)	100 x 110 x 30 mm
CONNECTION BOXES	1 x IP 65 with bypass diode
CONNECTION TERMINAL	Screwable terminal posts with welding possibility
CABLES (*)	400 mm (+); 1000 mm (-); 4 mm ²



(*) MC4 multicontact. Standard sizes. If other sizes are needed, please contact Isofoton.

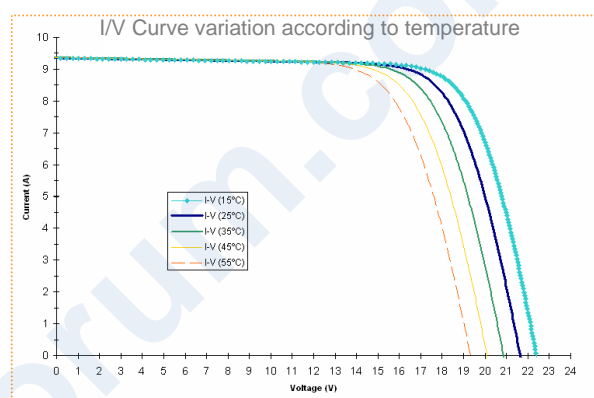
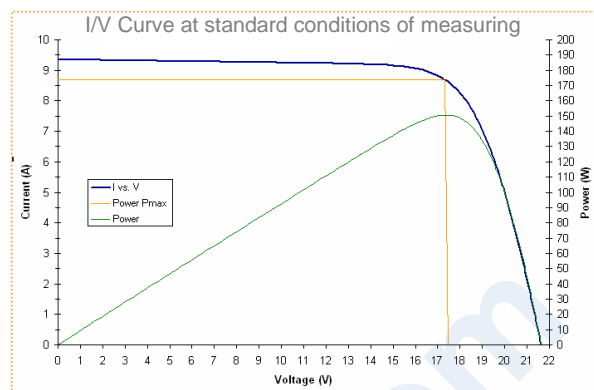


CONSTRUCTIONAL CHARACTERISTICS

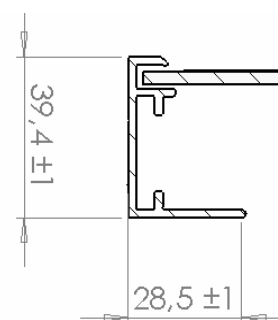
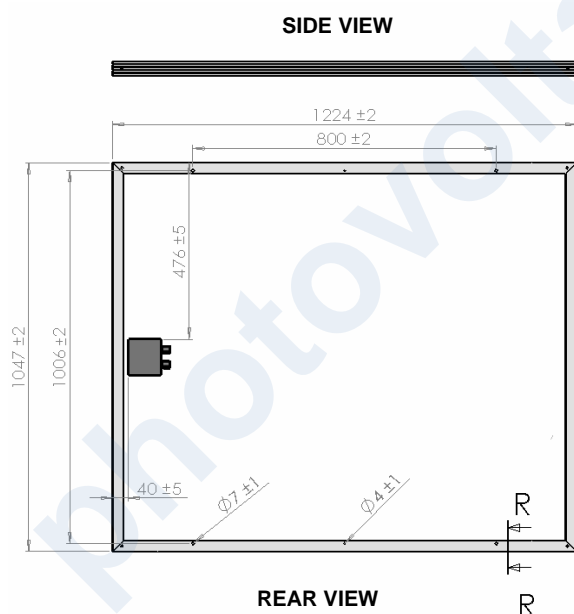
CELL TYPE: Si MONOCRYSTALLINE, TEXTURED AND WITH REFLECTION SUPPRESSING LAYER	125 x 125 mm
CONTACTS	Redundant, multiple contacts, in each cell
Nº OF CELLS IN SERIES	36
Nº OF CELLS IN PARALLEL	2
ENCAPSULANT	EVA (ethylene vinyl acetate)
BACK FACE	Protected with several layers of Tedlar
FRONT FACE	Tempered microstructured glass of high transmissivity
FRAME	Anodised Aluminium
GROUND TERMINAL	Yes
CERTIFICATIONS	IEC 61215, Class II by means of TÜV certificate, CE



CURVES



DIMENSIONS



Section R-R

- The longitudinal and transversal measurement does not include the maximum projection of the head of the rivets.



REMARKS

- All Isofoton modules are guaranteed for 25 years (power guarantee). For further details please visit www.isofoton.com
- All specifications are subject to change without prior notice. For further details please visit www.isofoton.com