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PHOTOVOLTAIC MODULE ISF-60/12

PHYSICAL CHARACTERISTICS

SIZE	776 x 662 x 39,5 mm
WEIGHT	6,5 kg
PACKING CONDITIONS	4 modules per box / 50 modules per box
SIZE OF PACKING BOX	905 x x 780 x 230 mm / 1395 x 745 x 1220 mm

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

MAXIMUM POWER (P _{MÁX.})	60 Wp +/- 10%
MAXIMUM POWER CURRENT (I _{MÁX.})	3.47 A
MAXIMUM POWER VOLTAGE (V _{MÁX.})	17,3 V
SHORT CIRCUIT CURRENT (I _{SC})	3.73 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 SERAL FUSE	10 A
MAXIMUM SYSTEM VOLTAGE	760 V

CONNECTION BOX

SIEZE (LENGTH X WIDTH X HEIGTH)	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

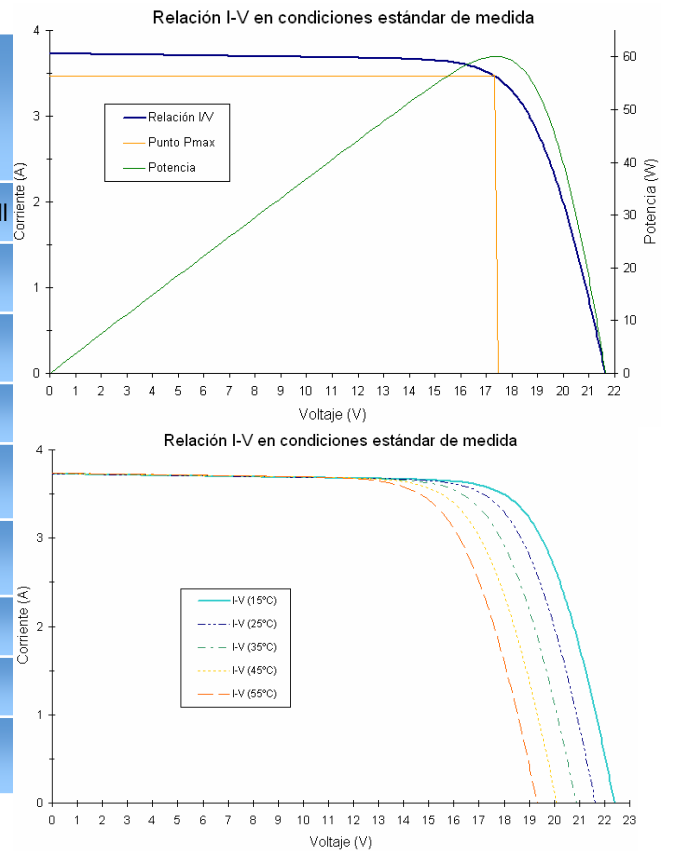


(*) MC4 multicontact optional. Standard sizes. In the event of other sizes being needed, please contact Isofotón.

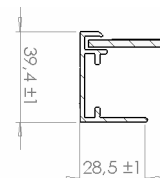
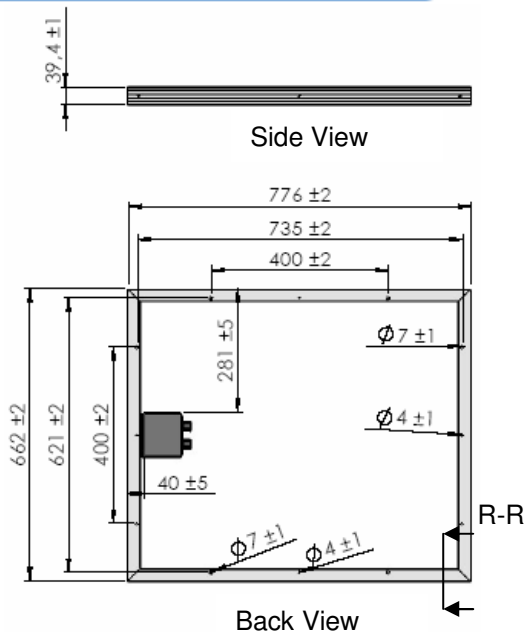
CONSTRUCTIONAL CHARACTERISTICS

CELL TYPE: SI MONOCRYSTALLINE, TEXTURED AND WITH REFLECTION SUPPRESSING LAYER	156 x 156 mm
CONTACTS	Redundant, multiple contacts, in each cell
Nº OF CELLS IN SERIES	36 1/2
Nº OF CELLS IN PARALELL	1
ENCAPSULANT	EVA (ethylene vinyl acetate)
BACK FACE	Protected with several layers of Tedlar
FRONT FACE	Tempered microstructured glass of high transmissivity
FRAME	Anodised Aluminium
TOMA DE TIERRA	Yes
CERTIFICACIONES	IEC 61215, Class II by means of TÜV certificate, UL 1703

CURVES



DIMENSIONS



SECTION R-R

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

OBSERVACIONES

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