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PHOTOVOLTAIC MODULE I-150S / 12

PHYSICAL CHARACTERISTICS	
Size	1224 x 1047 x 39.5 mm [48,19 x 41,22 x 1,55 in]
Weight	15 kg [33 lb]
Packing conditions	4 modules per box
Size of packing box	1355 x 1170 x 230 mm [53,35 x 46,06 x 9,06 in]

ELECTRICAL CHARACTERISTICS (1000 W/m2, 25º C cell, AM 1.5)	
Maximum power (Pmax.)	150 Wp + / - 5%
Maximum power current (Imax.)	8.7 A
Maximum power voltage (Vmax.)	17.3 V
Short circuit current (I_{SC})	9.3 A
Open circuit voltage (V_{OC})	21.6 V
NOCT (800 W/m2, 20 °C, AM 1.5, 1 m/s)	47 °C
Minimum value of the series fuse	20 A
Maximum voltage of the system	600 V

CONNECTION BOX	
Size (length x width x height)	100 x 110 x 30 mm [3,937 x 4,331 x 1,181 in]
Connection boxes	1 x IP 65 with bypass diode
Connection terminal	Screwable terminal posts with welding possibility
Cables (*)	570 mm (+) [22,44 in]; 1000 mm (-) [39,37 in]; 4 mm² [10 AWG]

(*) MC3 or MC4 multicontact optional. Standard sizes. In the event of other sizes being needed, please contact Isofoton.

April 2006

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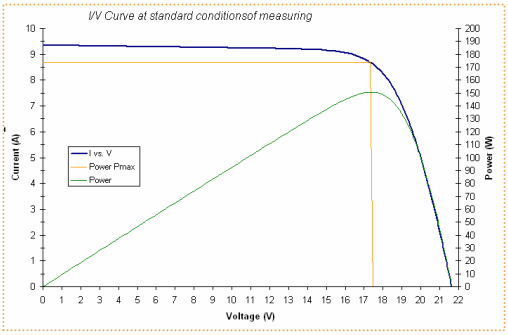
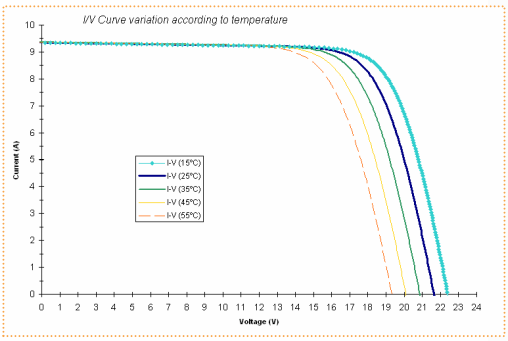
CONSTRUCTIONAL CHARACTERISTICS

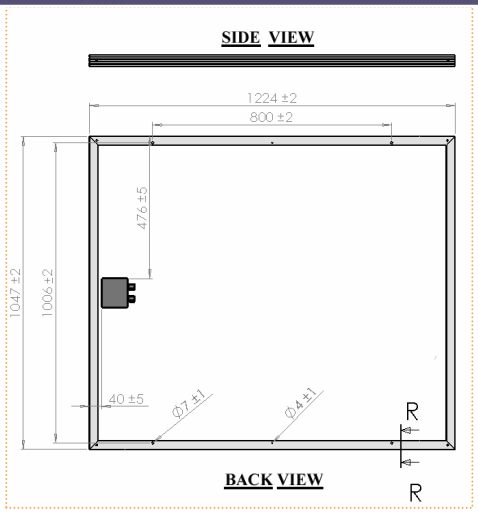
Cell type: Si monocrystalline, textured and with reflection suppressing layer	**125 x 125 mm [5 x 5 in]**
Contacts	**Redundant, multiple contacts, in each cell**
N° of cells in series	**36**
N° of cells in parallel	**2**
Film	**EVA (ethylene vinyl acetate)**
Back face	**Protected with several layers of Tedlar**
Front face	**Tempered microstructured glass of high transmissivity**
Frame	**Anodised Aluminium**
Grounding	**Yes**
Certifications	**IEC 61215, Class II by means of TÜV certificate, UL 1703**

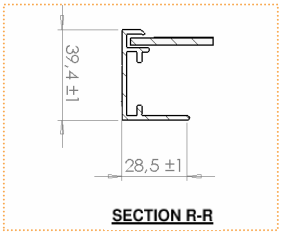
CURVES





DIMENSIONS





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

• All the Isofoton 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

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