

## 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/m<sup>2</sup>, 25° C cell, AM 1.5)

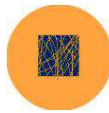
Maximum power (P <sub>max</sub> .)	150 Wp + / - 5%
Maximum power current (I <sub>max</sub> .)	8.7 A
Maximum power voltage (V <sub>max</sub> .)	17.3 V
Short circuit current (I <sub>sc</sub> )	9.3 A
Open circuit voltage (V <sub>oc</sub> )	21.6 V
NOCT (800 W/m <sup>2</sup> , 20 °C, AM 1.5, 1 m/s)	47 °C
Minimum value of the series fuse	20 A
Maximum voltage of the system	760 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 mm <sup>2</sup> [10 AWG]

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

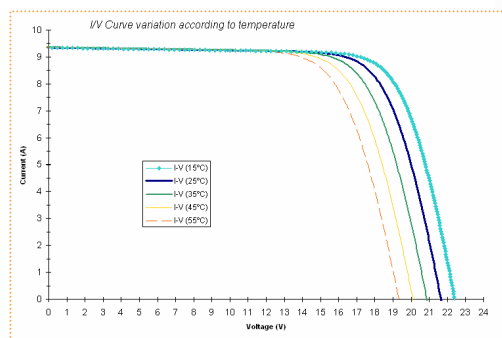
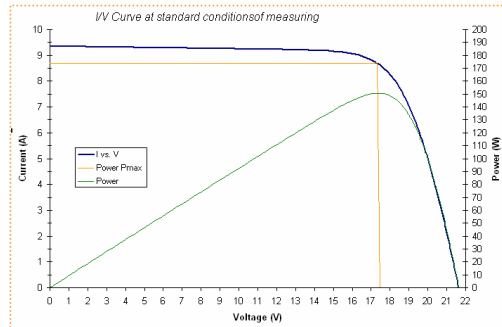


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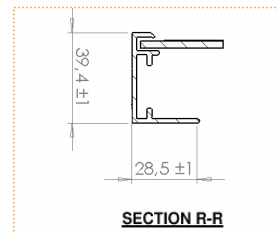
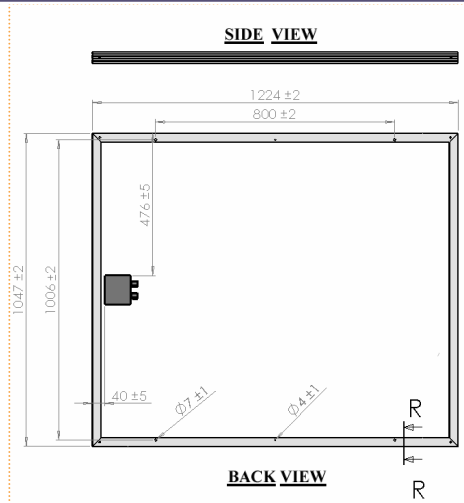
## CONSTRUCTIONAL CHARACTERISTICS

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
Nº of cells in series	36
Nº 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](http://www.isofoton.com)
- All specifications are subject to change without prior notice. For fuller details please visit [www.isofoton.com](http://www.isofoton.com)

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• Qualified: IEC 61215  
• Quality: ISO 9001  
• TÜV Cert: 03-02-072-0  
• Periodic inspection



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