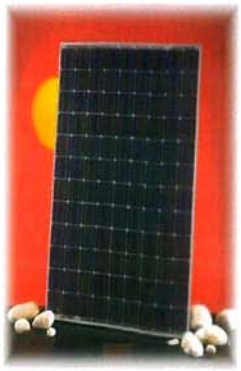
isofotón



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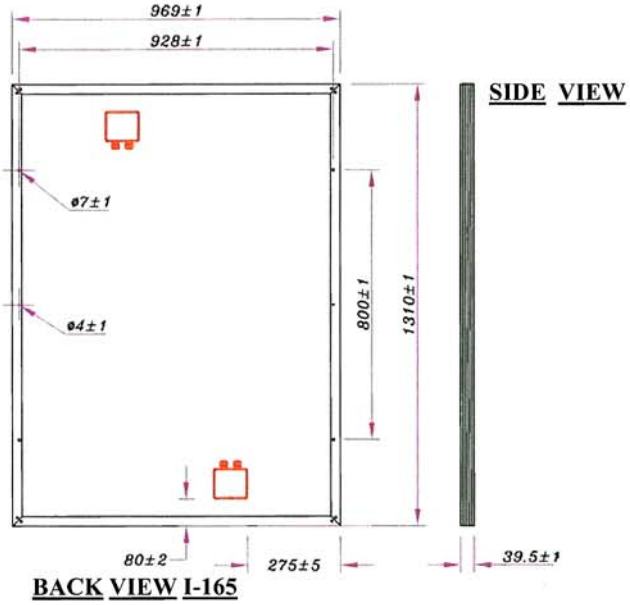
Pv Module

CHARACTERISTICS	
PHYSICAL	
Dimensions	1310 x 969 x 39,5 mm
Weight	16,5 kg
Number of cells in series	36
Number of cells in parallel	3
NOCT (800W/m2, 20ºC, AM 1.5, 1m/s)	47 ºC
ELECTRICAL (1000 W/m^2, 25 ºC cell, AM 1.5)	
Nominal Voltage (V_n)	12 V
Maximum Power (P_{max})	165 W_p ± 10 %
Short-circuit current (I_{sc})	10,14 A
Open circuit voltage(V_{oc})	21,6 V
Maximum power current (I_{max})	9,48 A
Maximum power voltage (V_{max})	17,4 V
CONSTRUCTIVE	
Cells	Single-crystal Si, textured and antireflectivity layered
Contacts	Redundant contacts on each cell for circuit reliability
Laminate	EVA (ethylene vinyl acetate)
Front face	Tempered glass with improved light transmission
Back face	Tough multi-layered backsheet Tedlar
Frame	Anodised aluminium
Connection boxes	2 x IP 65 with built- in bypass diodes
Grounding connection	Yes
Certifications	IEC 61215 and Class II by TÜV certificate
Cable Section	4-10 mm^2
Connection box	Pression screw with possibility of soldering/optional multi-contact

8ª Ed. 01/2004



BACK VIEW I-165

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973 239 1815
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Relación I-V en condiciones estándar de medida

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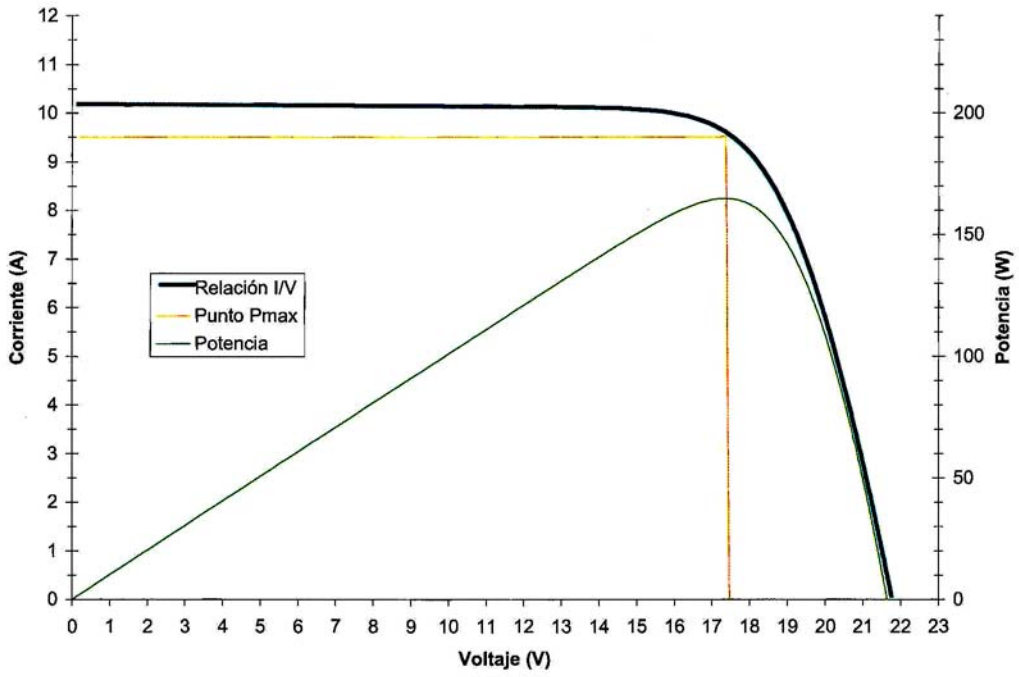

***Características eléctricas** **

Isc = 10,14 A
Voc = 21,6 V
Imp = 9,48 A
Vmp = 17,4 V
Pmax = 165 W ± 10 %
(*) a 1000 W/m², 25ºC y AM 1,5 G

Tnoc = 47 ºC
(800 W/m², 20 ºC ambiente, AM 1,5 G y veloc. del aire de 1m/s)

1ª Ed. 01/2004

Relación I-V en función de la tª

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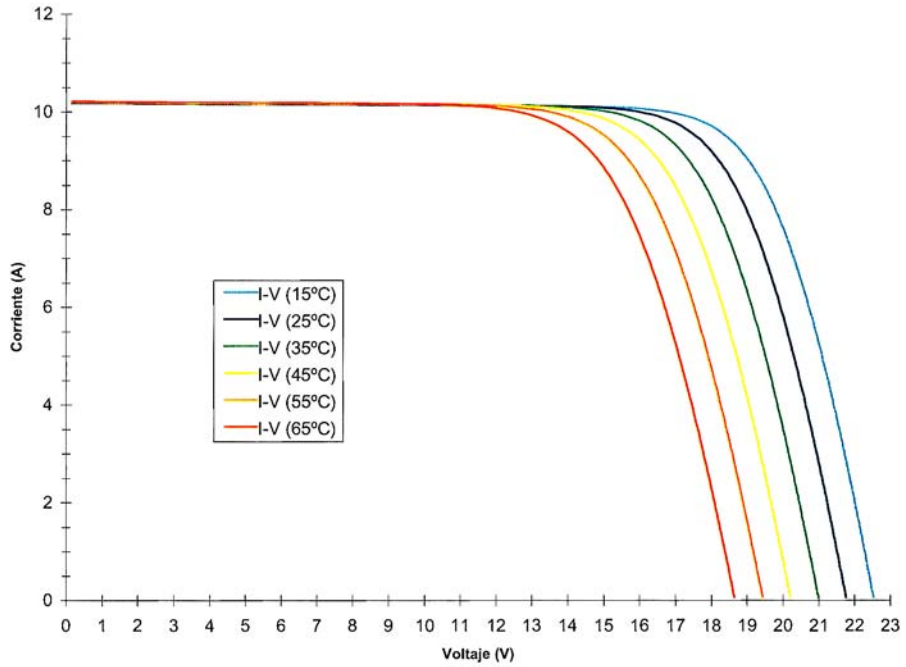

1ª Ed. 01/2004