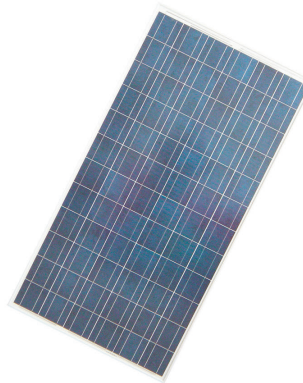




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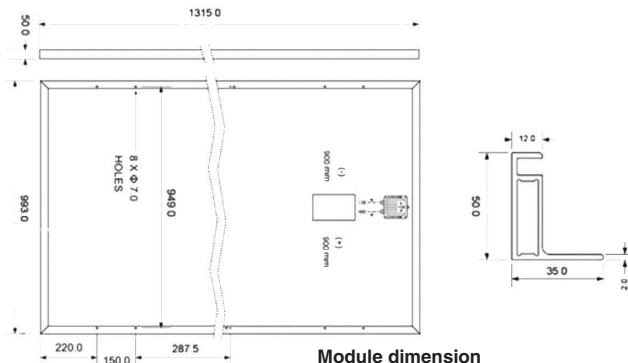
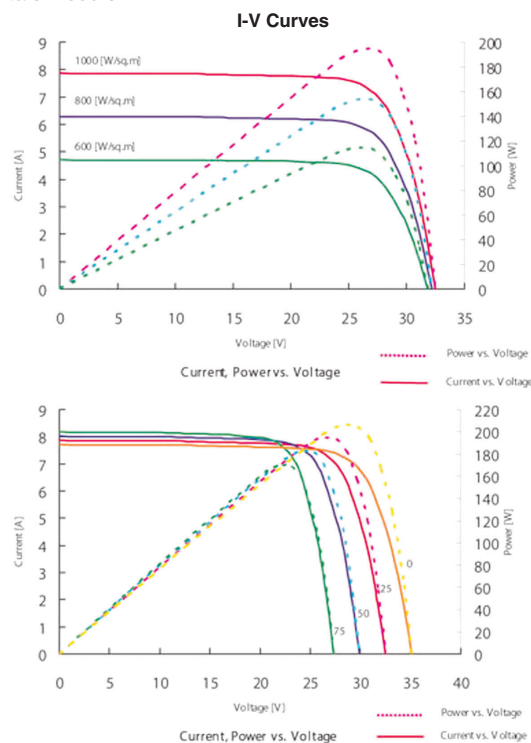
Multicrystalline Solar Panels

Specifications

• Panel Type	196Wp Multicrystalline silicon photovoltaic module
• Maximum Power (Pmax)	196W
• Voltage @ Pmax (Vpm)	26,6V
• Current @ Pmax (Ipm)	7,36A
• Open Circuit Voltage (Voc)	32,5V
• Short Circuit Current (Isc)	7,86A
• Output Tolerance	± 3%
• Maximum System Voltage	1000 Vdc
• Series fuse rating	10A
• Application	DC 24V system
• Efficiency of module	13,4%
• Temperature Coefficients of Pmax (%)	-0,38% /°C
• Temperature Coefficients of Voc (%)	-0,32% /°C
• Temperature Coefficients of Isc (%)	+0,08% /°C
• NOCT (Norminal Operating Cell Temp)	44,8°C
• Operating Temperature	-40 to +90°C
• Storage Temperature	-40 to +90°C
• System Cell	6" Multicrystalline silicon
• No. of cells & connections	54pcs in series (6x9)
• Module Size (WxLxH)	1474 x 995 x 50mm
• Weight	approximately 18,62Kg
• Packing configuration	Horizontal
• Size of carton	1531 x 1071 x 955mm
• Pallet quantity	18pcs / pallet
• Container Load (20ft/40ft)	14 pallets / 28 pallets

Construction

• Front	High transmission low-iron tempered glass (3.2mm)
• Back	PVF / PET / PVF
• Encapsulates	EVA
• Junction Box Type	IP65, weatherproof
• Bypass Diodes	3 diodes to avoid power decreasing by shade
• Output cable	4mm ² cable with polarized waterproof tyco connectors (Negative 900mm, Positive 900mm)
• Frame (Material, Corners, etc)	Clear anodized aluminium, AL6063-T5
• Certification	IEC 61215 : 2005 + EN 61730-1 / EN 61730-3 : 2007



**measured at STC (Standard Test Condition; 1000W/m² irradiance, AM 1.5G and 25°C)*

Warranty Notice: 5 years on materials. 10 years of 90% output, 25 years of 80% output

EAN : TBA

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