



Specifications

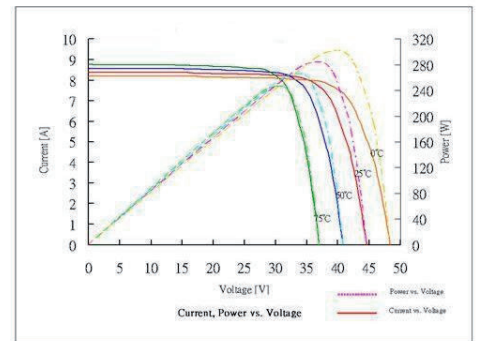
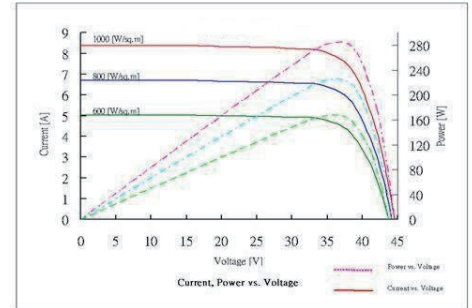
• Panel Type	276 Wp Monocrystalline silicon photovoltaic module
• Maximum Power (Pmax)	276 W
• Voltage @ Pmax (Vpm)	36,07 V
• Current @ Pmax (Ipm)	7,65 A
• Open Circuit Voltage (Voc)	44,78 V
• Short Circuit Current (Isc)	8,33 A
• Output Tolerance	± 3 %
• Maximum System Voltage	1000 Vdc
• Series fuse rating	10 A
• Application	DC 36V system
• Efficiency of module	14,24 %
• Temperature Coefficients of Pmax (%)	-0,5 % /°C
• Temperature Coefficients of Voc (%)	-0,33 % /°C
• Temperature Coefficients of Isc (%)	+0,035 % /°C
• Operating Temperature	-40 to +85 °C
• Storage Temperature	-40 to +85 °C
• System Cell	6" Monocrystalline silicon
• No. of cells & connections	72 pcs in series (6x12)
• Module Size (WxLxH)	1948 x 995 x 50 mm
• Weight	Approximately 22,95 Kg
• Packing configuration	Horizontal
• Size of carton	2005 x 1071 x 955 mm
• Pallet quantity	18 pcs / pallet
• Container Load (20ft/40ft)	10 pallets / 22 pallets

Construction

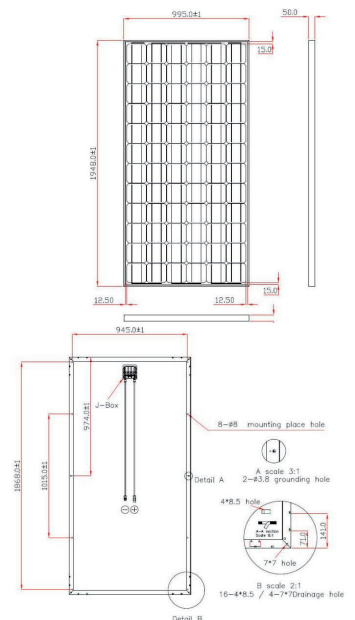
• Front	High transmission low-iron tempered glass (3.2 mm)
• Back	PET / PET / EVA
• Encapsulates	EVA
• Junction Box Type	IP65, waterproof
• Bypass Diodes	3 diodes to avoid power decreasing by shade
• Output cable	4 mm ² cable with polarized waterproof tyco connectors (Negative 900 mm, Positive 900 mm)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

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

I-V Curves



Module dimension



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

EAN : TBA

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