

# YUR.POWER

## A-M182

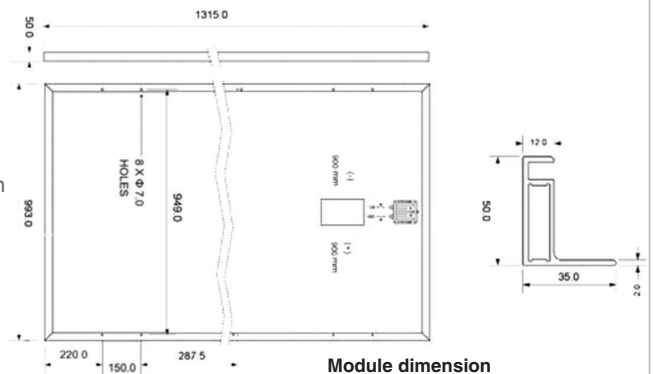
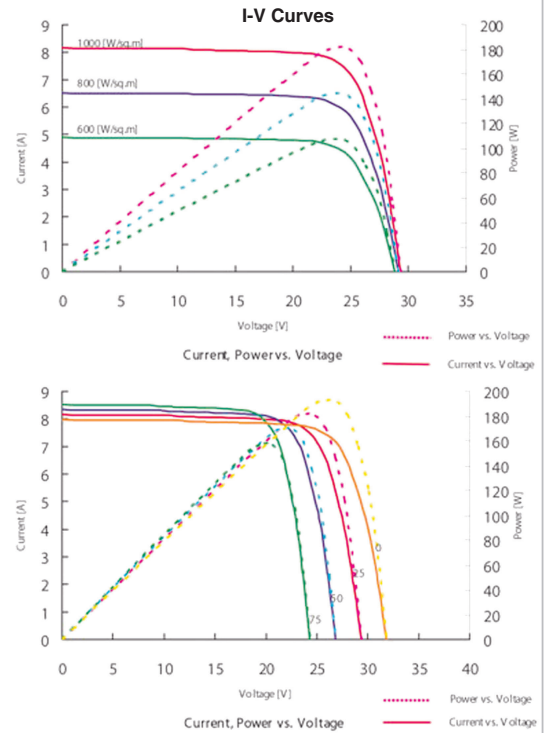
### Monocrystalline Solar Panels

#### Specifications

• <b>Panel Type</b>	182Wp Monocrystalline silicon photovoltaic module
• <b>Maximum Power (Pmax)</b>	182W
• <b>Voltage @ Pmax (Vpm)</b>	23,95V
• <b>Current @ Pmax (Ipm)</b>	7,6A
• <b>Open Circuit Voltage (Voc)</b>	29,32V
• <b>Short Circuit Current (Isc)</b>	8,15A
• <b>Output Tolerance</b>	± 3%
• <b>Maximum System Voltage</b>	1000 Vdc
• <b>Series fuse rating</b>	10A
• <b>Application</b>	DC 24V system
• <b>Efficiency of module</b>	13,9%
• <b>Temperature Coefficients of Pmax (%)</b>	-0,37% /°C
• <b>Temperature Coefficients of Voc (%)</b>	-0,34% /°C
• <b>Temperature Coefficients of Isc (%)</b>	+0,09% /°C
• <b>Operating Temperature</b>	-40 to +90°C
• <b>Storage Temperature</b>	-40 to +90°C
• <b>System Cell</b>	6" Monocrystalline silicon
• <b>No. of cells &amp; connections</b>	48pcs in series (6x8)
• <b>Module Size (WxLxH)</b>	1316 x 995 x 50mm
• <b>Weight</b>	approximately 16,87Kg
• <b>Packing configuration</b>	Horizontal
• <b>Size of carton</b>	1373 x 1071 x 955mm
• <b>Pallet quantity</b>	18pcs / pallet
• <b>Container Load (20ft/40ft)</b>	16 pallets / 32 pallets

#### Construction

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



\*measured at STC (Standard Test Condition; 1000W/m<sup>2</sup> 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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