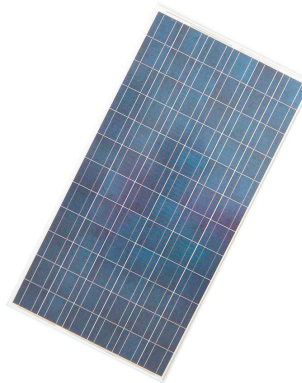




# YUR.POWER

## A-P214

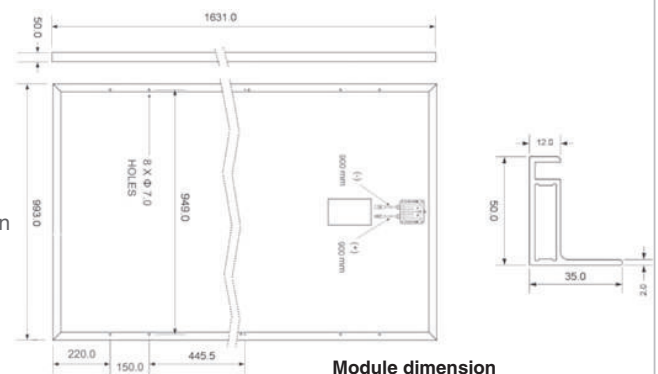
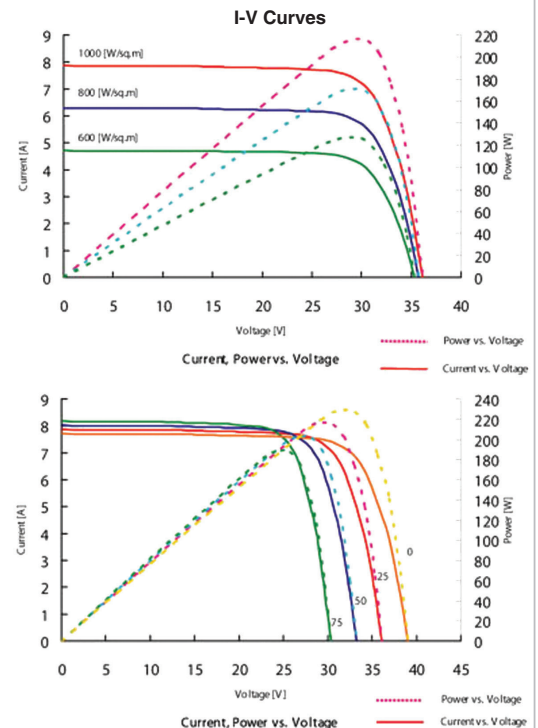
### Multicrystalline Solar Panels

#### Specifications

|                                               |                                                    |
|-----------------------------------------------|----------------------------------------------------|
| • <b>Panel Type</b>                           | 214Wp Multicrystalline silicon photovoltaic module |
| • <b>Maximum Power (Pmax)</b>                 | 214W                                               |
| • <b>Voltage @ Pmax (Vpm)</b>                 | 29,6V                                              |
| • <b>Current @ Pmax (Ipm)</b>                 | 7,29A                                              |
| • <b>Open Circuit Voltage (Voc)</b>           | 36,1V                                              |
| • <b>Short Circuit Current (Isc)</b>          | 7,86A                                              |
| • <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>                 | 13,2%                                              |
| • <b>Temperature Coefficients of Pmax (%)</b> | -0,38% /°C                                         |
| • <b>Temperature Coefficients of Voc (%)</b>  | -0,32% /°C                                         |
| • <b>Temperature Coefficients of Isc (%)</b>  | +0,08% /°C                                         |
| • <b>NOCT (Norminal Operating Cell Temp)</b>  | 44,8°C                                             |
| • <b>Operating Temperature</b>                | -40 to +90°C                                       |
| • <b>Storage Temperature</b>                  | -40 to +90°C                                       |
| • <b>System Cell</b>                          | 6" Multicrystalline silicon                        |
| • <b>No. of cells &amp; connections</b>       | 60pcs in series (6x10)                             |
| • <b>Module Size (WxLxH)</b>                  | 1631 x 993 x 50mm                                  |
| • <b>Weight</b>                               | approximately 20,43Kg                              |
| • <b>Packing configuration</b>                | Horizontal                                         |
| • <b>Size of carton</b>                       | 1689 x 1071 x 955mm                                |
| • <b>Pallet quantity</b>                      | 18pcs / pallet                                     |
| • <b>Container Load (20ft/40ft)</b>           | 12 pallets / 26 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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