

Mechanical Characteristics

| | | |
|------------------------|------|--|
| Length | (mm) | 630 |
| Width | (mm) | 280 |
| Height | (mm) | 25 |
| Weight | (Kg) | 3,1 |
| Junction Box | | 1 x PV junction Box |
| Front Substrate | | Low Iron tempered White Glass 3.2 mm Thickness |
| Cells | | 36 Polycrystalline cells (62.5x62.5 mm) |
| Encapsulation Material | | EVA - Ethylene Vinyl Acetate |
| Back Substrate | | Composite Sheet Tedlar or APA |
| Frame | | 25 mm Aluminum profile - Natural |

Electrical Characteristics

| Power Class | W _p | 20 | 25 |
|--|----------------|---------|---------|
| Power Tolerance | | +3/- 2W | +3/- 2W |
| Min Power | W _p | 18 | 23 |
| Voltage at Max Power (V _{mp}) | V | 16.8 | 16.8 |
| Current at Max Power (I _{mp}) | A | 1.19 | 1.48 |
| Open circuit Voltage (V _{oc}) | V | 21.0 | 21.0 |
| Short Circuit Current (I _{sc}) | A | 1.32 | 1.61 |
| Maximum System Voltage | V | 1000 | 1000 |

| | |
|---|--------------------------------------|
| Voltage temperature correction factor (Open Circuit) | -0.35%/K |
| Current Temperature correction factor (Short Circuit) | 0.05%/K |
| Power Temperature correction Factor | -0.44 %/K |
| NOCT | 45°C |
| (STC) Standard testing conditions : | 1000 W/m ² , AM 1.5, 25°C |

Use Conditions

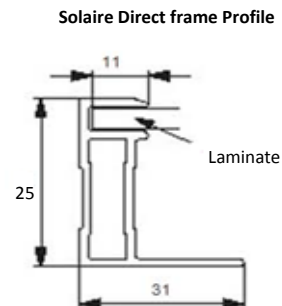
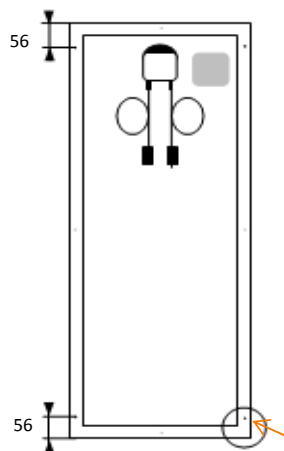
| | |
|-------------------|---|
| Temperature Range | -40 °C to + 85°C |
| Hail Test | Limited to a diameter of 28mm at an impact speed of 86 km/h |
| Test Load | Certified internally up to 5400 Pa according to IEC 61215 Ed. 2 |

Certification

IEC 61215:2005 Ed. 2
EN6170 Class 1 & Class 2

Warranty

| | |
|---------|---|
| Product | 2 years |
| Power | Terrestrial: 25 years 80% yield Marine: 10 years 90% yield |



Tolerance +/- 2

Version 05/2009. Can be modified without notice. Average Electrical characteristics for Power class
Power tolerance related to power class before <<LID>> /Pictures and Drawings Are not contractual