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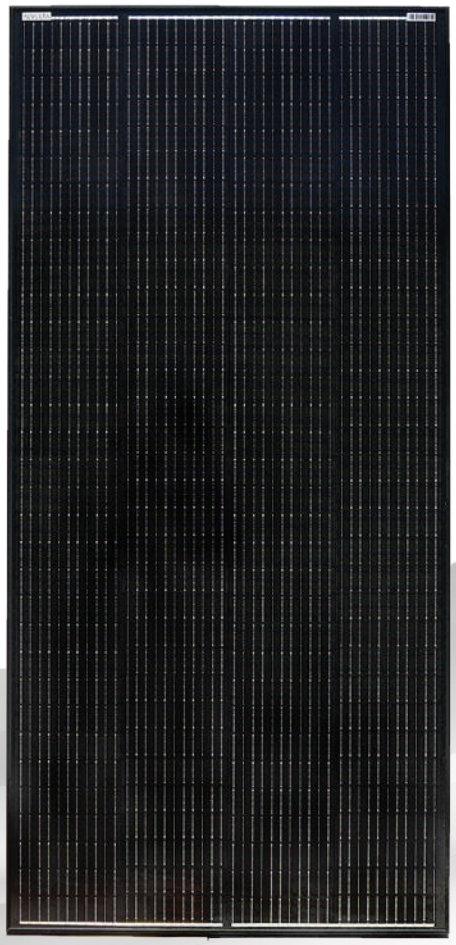

# ALVOLTA ECLIPSE MAX 210W SOLAR PANEL

## ALV-210SP-MAX

### Key Features:

- Up to 25% module efficiency
- Weatherproof, IP65 sealed junction box
- Low voltage-temperature coefficient
- Sturdy, anodized aluminium frame
- Pre-wired 900mm cable with MC4 connectors

### Suitable for:

5 YEAR PANEL WARRANTY

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# ALVOLTA ECLIPSE MAX 210W SOLAR PANEL

## ALV-210SP-MAX

## Specifications:

| | |
|---|---|
| **Electrical** | |
| Maximum Power (Pmax) | 210W |
| Optimum Operating Voltage (Vmp) | 76.6V |
| Optimum Operating Current (Imp) | 2.74A |
| Open Circuit Voltage (Voc) | 89.6V |
| Short Circuit Current (Isc) | 2.88A |
| Module Efficiency | 25% |
| Maximum System Voltage | 1000V DC |
| Power Tolerance | ±3% |
| **Thermal** | |
| Operating Temperature Range | -40°C to +85°C |
| Temperature Coefficient (Pmax) | -0.35%/°C |
| Temperature Coefficient (Voc) | -0.275%/°C |
| Temperature Coefficient (Isc) | -0.045%/°C |
| **Mechanical** | |
| Solar Cells | Monocrystalline 182mm Cells |
| No. of Cells | 132 (4 x 33) |
| Frame | Anodized Aluminium |
| Junction Box | IP65 Rated |
| Connectors | MC4 Style |
| Output Cables | 4mm², 900mm |
| Dimensions (w x h x d) | 1615 x 670 x 35mm |
| Weight | 10.8kg |
| Warranty | 5 Years |

RoHS 2011/ 65/ EU and amending directive (EU)2015/863

CE EN IEC 62368-1:2020+A11:2020

*All data and specifications provided in this datasheet are tested under standard test conditions, and may deviate marginally from actual values. Alvolta and its associates reserve the right to make modifications to the provided information without notice. Alvolta maintains the goal to supply customers with the most recent information regarding its products.

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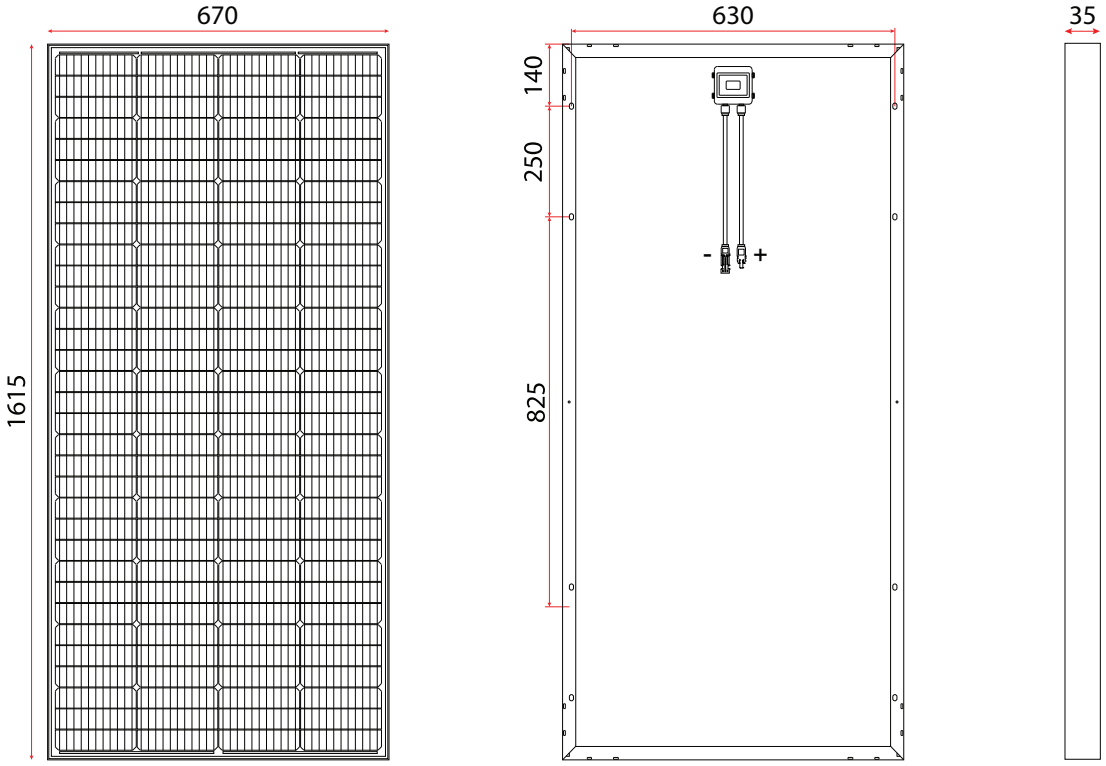
## ALV-210SP-MAX

### Module Diagram:




### IV-Curve:

