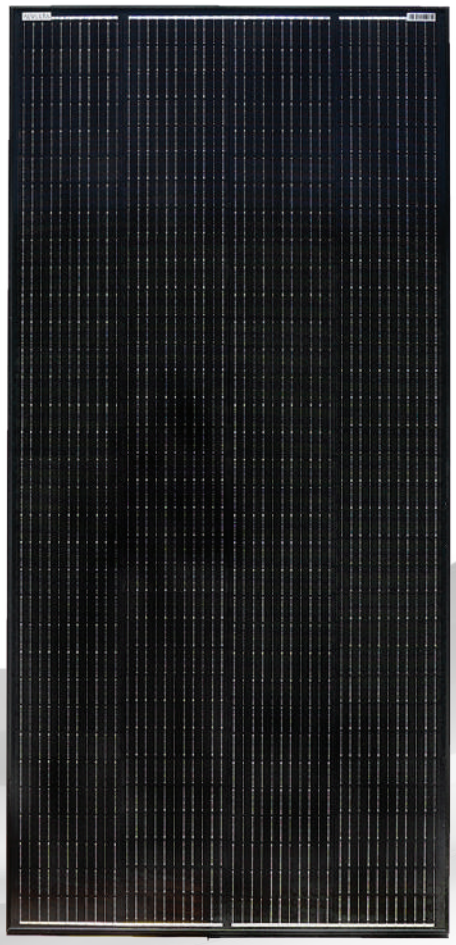
ALVOLTA
BUILT FOR POWER



ALVOLTA ECLIPSE MAX 210W SOLAR PANEL

ALV-210SP-MAX

Key Features:

- Up to 25% cell 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

ALVOLTA
BUILT FOR POWER

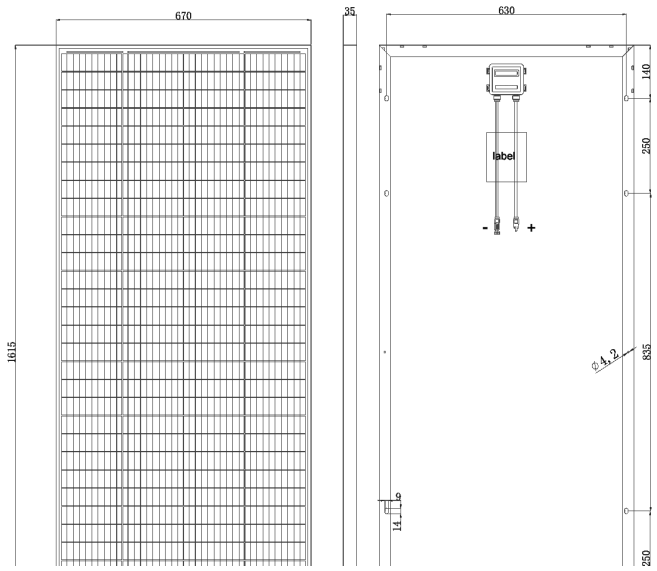
ALVOLTA ECLIPSE MAX 210W SOLAR PANEL

ALV-210SP-MAX

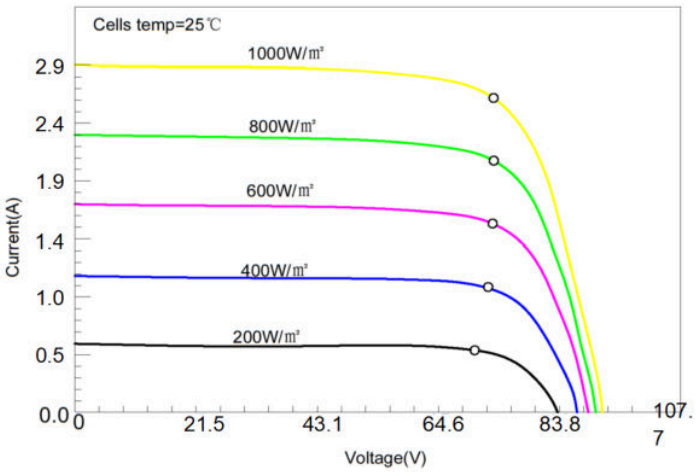
Electrical Data:

Maximum Power	210W
Optimum Operating Voltage	76.6V
Optimum Operating Current	2.74A
Open Circuit Voltage	89.6V
Short Circuit Current	2.88A
Cell Efficiency	25%
Maximum System Voltage	1000V DC
Power Tolerance	±3%

Module Diagram:



IV-Curve:



Mechanical Data:

Solar Cells	Monocrystalline 182mm Cells
No. of Cells	132 (4 x 33)
Dimensions	1615 x 670 x 35mm
Weight	10.8kg
Frame	Anodized Aluminium
Junction Box	IP65 Rated
Connectors	MC4 Style
Output Cables	4mm², 900mm

Thermal Data:

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

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.