

Alvolta Ultra 440W Unregulated Solarcase

ALV-440SPC



The Alvolta Eclipse Range

Designed to impress, the Alvolta Eclipse range has more power, better value, and unmatched style.

A perfect solution for your ELV setup, Alvolta Eclipse rigid solar panels are engineered using high-quality, A-grade monocrystalline cells to guarantee peak performance.

Selecting the right solar panel is critical.

The bedrock lies in cell quality, unwavering durability, and peak efficiency ratings - pivotal factors guaranteeing seamless operation across seasons, ever-shifting weather conditions, appliance runtime, and your battery's overall capacity.

Resilience is paramount.

Oversizing your array is the key to uncompromised power supply. Enter the Alvolta Eclipse range: an assurance of peak performance and unrivalled flexibility in array design. With an extensive range of panel sizes and outputs, your power is limitless with Alvolta.

The Alvolta Eclipse range offers modules ranging from 20W - 350W.

Suitable for:



Panel Electrical Properties

Cell Type	Monocrystalline
Related Power (W)	440
Maximum Power Voltage (V)	40
Open Circuit Voltage (V)	48
Maximum Power Current (A)	12
Maximum System Voltage (V)	200
Short Circuit Current (A)	11
Efficiency Rating	20.6%
Dimensions - Unfolded (mm)	1072 x 2188 x 28
Power Tolerance	±5%
Weight (kg)	13.2

Features & Benefits

- Aesthetic black frame and cells
- IP65 sealed, weatherproof, multi-functional junction box to offer a high level of safety
- A highly resistant thermoplastic polymer (PVDF) protects the solar cells and contributes to the lightweight property
- Up to 20.6% module efficiency
- Low voltage-temperature coefficient enhances high-temperature operation
- Adjustable aluminum legs for optimal panel tilt
- Designed to plug into DC-DC charger solar input
- Improved latches and handles for durability
- Suits all battery types (including lithium) and is fully programmable via the solar regulator

5 YEAR
PANEL
WARRANTY

