# SCB12160W

## High Efficiency Solar Modules

ALVOLTA

ECLIPSE





## Specifications

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|---|---|
| Maximum power(Pmax) | 160 W |
| Open-circuit voltage(Voc) | 22.3 |
| Voltage at Pmax(Vmp) | 17.8 |
| Short-circuit current(Isc) | 9.71 |
| Current at Pmax(Imp) | 8.99 |
| Cells Efficiency(%) | 20.60% |
| The maximum system voltage | 1000VDC(IEC) |
| Power temperature coefficient | -0.43%/℃ |
| Voltage temperature coefficient | -0.34%/℃ |
| Current temperature coefficient | 0.05%/℃ |
| Output power tolerance | ±3% |
| Operating Temperature | -40~85℃ |

Designed to impress, the Eclipse range is powerful, affordable and stylish. Perfect for your 12V Set-up, Alvolta rigid solar panels are made using high quality monocrystalline, A grade cells. Alvolta provide a full range of rigid monocrystalline solar panel modules ranging from 10W - 190W. They are designed for charging 12V batteries, for example in vehicles and boats, motorhomes, caravans, camping, marine or any other systems with a 12V battery or battery bank.

Solar panels can be utilized to extend battery run time when powering multiple accessories. A number of factors that can influence this include: the time of year, weather conditions, battery capacity and how long you run your appliances. It's important to oversize your solar array (where space allows) so that on a good day your solar panels will be able to fully charge your batteries and keep your loads running whilst free camping.
Features:

- Aesthetic black frame
- Aesthetic black cells
- IP65 sealed, weatherproof, multi-functional junction box gives high level of safety
- A sturdy, anodized aluminium frame allows modules to be easily roof mounted with a variety of standard mounting systems
- A grade cells
- Up to 20.6% module efficiency
- Low voltage-temperature coefficient enhances high-temperature operation
- 5 Year product warranty on materials
- Pre wired 900mm cable with MC4 style connectors

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