

# SCB12120W

High Efficiency Solar Modules

ALVOLTA  
ECLIPSE



ALVOLTA

[WWW.ALVOLTA.COM.AU](http://WWW.ALVOLTA.COM.AU)

## Specifications

Maximum power(Pmax)	120 W
Open-circuit voltage(Voc)	21.6
Voltage at Pmax(Vmp)	17.8
Short-circuit current(Isc)	6.07
Current at Pmax(Imp)	5.62
Cells Efficiency(%)	20.60%
The maximum system voltage	1000VDC(IEC)
Power temperature coefficient	-0.43%/°C
Voltage temperature coefficient	-0.34%/°C
Current temperature coefficient	0.05%/°C
Output power tolerance	±3%
Operating Temperature	-40~85°C

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