

# ALVOLTA

## ECLIPSE

POWERFUL, AFFORDABLE  
& STYLISH.



ALVOLTA  
5 YEAR  
PRODUCT  
WARRANTY

## ALVOLTA ECLIPSE 12V 100W MONO SOLAR PANEL -SCB12100W

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 20W - 200W. 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 and 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
- Up to 20.6% module efficiency
- Low voltage-temperature coefficient enhances high-temperature operation
- Pre wired 900mm cable with MC4 style connectors

### PANEL ELECTRICAL PROPERTIES

#### ECLIPSE 12V 160W MONO SOLAR PANEL

CELL TYPE	MONOCRYSTALLINE
RELATED POWER (W)	100
MAXIMUM POWER VOLTAGE (V)	18
OPEN CIRCUIT VOLTAGE (V)	21.2
MAXIMUM POWER CURRENT(A)	5.56
MAXIMUM SYSTEM VOLTAGE (V)	1000 VDC
SHORT CIRCUIT CURRENT (A)	5.89
DIMENSIONS	780 x 680 x 35
WEIGHT	6kg