

# EXOTRONIC

Electronics for the Great Outdoors

## Noosa 50 Series Pre-Wired Victron Boards

### Mains Charger

Capable of mains charging at up to 30A.

### Solar Charging

Capable of charging up to 50A.  
Recommended solar capacity  
600 – 800W.

### DC-DC Charging

Capable of charging up to 50A,  
compatible with smart alternators  
and configurable via Bluetooth.

### Combined Charging

The combined charge rate is  
100A.



### Warning

To maximise the longevity and safety of your new Victron Pre-Wired Board, please ensure you follow stay within the specified parameters and connect to the appropriate terminals referring to the wiring diagram. Failure to do so could result in shortened lifespan and void your warranty.

This equipment contains 240V equipment – **serious injury and/or death** can occur when working with these voltages. Only competent/licenced persons must connect to the 240V supply.

**Risk of fire/explosion** – do not short circuit the equipment or exceed voltages. Always check polarity before powering equipment on. Do not expose to the weather or allow water ingress. Keep out of excess dust and do not exceed temperature ratings. Always select appropriate fuse sizes and ensure suitably tight connections.

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## Specifications

Board DC Input Voltage	10 – 17V
Acceptable Battery Type	Lithium and Lead Acid Batteries
Minimum Battery Capacity and Current	100Ah 100A Continuous Current
Permitted Simultaneous Power Sources	Solar + Mains OR Solar + DC-DC
System Zero Load Power	3W
Mains Charger AC Input Voltage Range	187 – 265VAC 45- 65Hz
Maximum Charge Current - Mains	30A
Maximum Charge Current - Solar	50A
Maximum Charge Current - DC-DC	50A
Maximum Total Charge Current	100A
Output Absorption Voltage	14.2V - Adjustable
Output Float Voltage	13.5V - Adjustable
Solar Maximum Voltage	100V
Solar Array Size	0 – 1200W (600-800W recommended)
Solar Maximum Short Circuit Current	60A
Board Temperature Rating	5C – 50C (0C – 65C storage)
Board Portrait Dimensions	390 x 315 x 95mm
Board Weight	5.7kg

More details available on individual component data sheets if needed.

