

EXOTRONIC

Electronics for the Great Outdoors

Yulara Series Pre-Wired Victron Boards



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.

Mains Charger

Capable of mains charging at up to 220A.

Solar Charging

Capable of charging up to 100A.
Recommended solar capacity
1200 – 1600W.

DC-DC Charging

100A charge rate and compatible with smart alternators and configurable via Bluetooth.

Combined Charging

Up to 360A combined charge rate.

240V Inverter

5000VA / 16A transfer switch with 9000W surge capacity

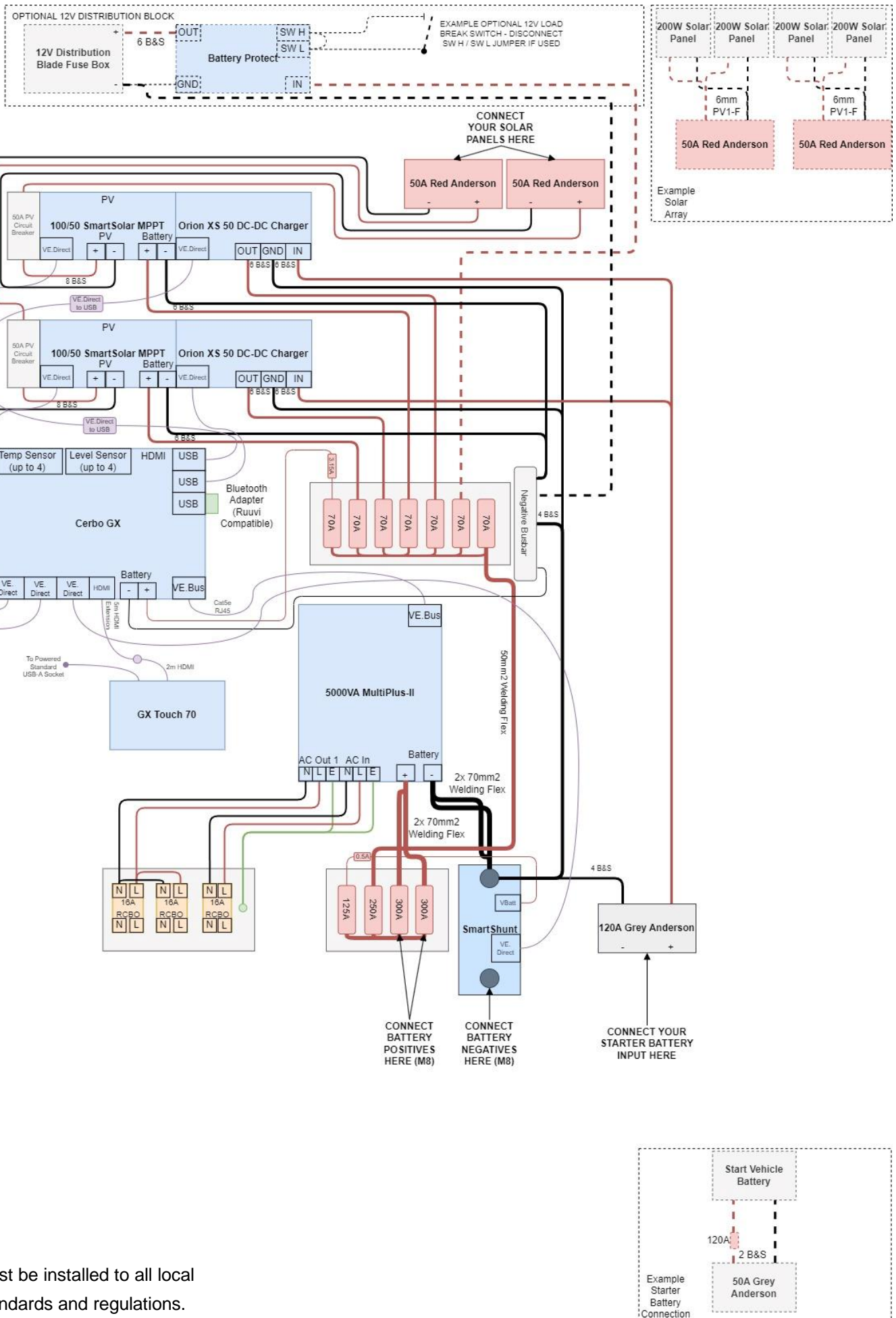
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Specifications

Board Input Voltage	10 – 17V
Acceptable Battery Type	Lithium and Lead Acid Batteries
Minimum Battery Capacity and Current	600Ah 600A Continuous Current
Recommended Battery Capacity	900Ah
Recommended Cable Size to Battery	2x 95mm ² Positive 2x 95mm ² Negative
Inverter Constant Output Power @ 25C	5000VA / 4000W
Inverter Constant Output Power @ 40C	3700W
Inverter Peak Power	9000W
Inverter Maximum Efficiency	96%
System Zero Load Power (Inverter On)	18W
Inverter AC Input Voltage Range	187 – 265VAC 45 – 65Hz
Maximum Charge Current - Mains	220A
Maximum Charge Current - Solar	100A
Maximum Charge Current - DC-DC	100A
Maximum Total Charge Current	360A (Limited through Cerbo)
DC-DC Maximum Efficiency	98.5%
Output Absorption Voltage	14.2V - Adjustable
Output Float Voltage	13.5V - Adjustable
Optional Battery Protect Trip Voltage	11.2V for 30s - Adjustable
Solar Maximum Voltage	100V
Solar Array Size per MPPT	0 – 1200W (600-800W recommended)
Solar Max. Short Circuit Current per MPPT	60A
Solar Maximum Efficiency	98%
Board Temperature Rating	5C – 45C (0C – 65C storage)
Board Portrait Dimensions	1400 x 400 x 170mm
Board Weight	45kg

More details available on individual component data sheets if needed.



Must be installed to all local standards and regulations.