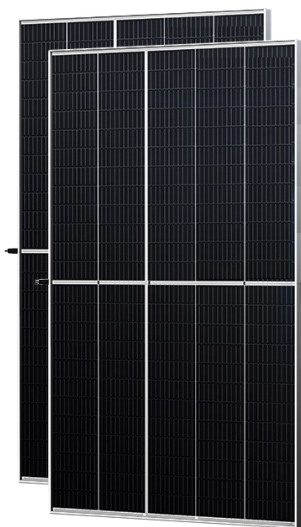


Offgrid Kit Specification

Item	Spec.	Details
Array Size:	3.0 KW	Trina Solar Panels (CEC [^])
Solar Panels:	6 x 500W	Panel Qty x Panel Wattage
MPPT:	250/70	Victron Smartsolar MPPT
Inv/Charger:	Easysolar 3KVA	Easysolar II 48/3000 GX
Nom. Pwr W:	2.4KW nom	5.5KW Peak; 3.12KW 30 min.
Battery Bank:	5KWh	1 x 5KWh Vaulta Lithium Mod.
Controller:	GX Device	BT Dashboard, VRM with inet
String VOC.dc:	155.1	V dc String voltage
ELV/LV Array:	LV *	NOT Self-installable *



500W Modules x 6



Easysolar48/3000 x 1



K34.150.03 + 1 x 5KWh

- RACKING:**
- Racking Brackets, earth clips & lugs
 - Solar cable clips & s/s cable ties
- BALANCE OF SYSTEM:**
- MPPT & Solar Cables with MC4's
 - Solar Conduit with saddles
 - Optional roof-penetration seal
 - Label Kit & Install Instructions



Isolator + Extras

Item	Specification
Solar Module Power Output:	500W
Solar Module Voltage VOC	51.7V dc
Solar Module Short Circuit A:	12.28
Solar Module Dimensions:	2176 x 1098 x 35mm
Rail Length:	4.6m
Solar Racking Roof Type:	Metal/Tin Roof
Array DC Isolator:	32A / 4 Pole Rotary
Solar Cable:	4mm ² twin, Approved type
Solar Cable Connectors:	MC4
Solar Array Max Expansion:	5320W (1.33 x MPPT Max)
Strings/Panels:	2 x 3 (String x Panels/Str)

Warranties & Terms

- Solar Module Warranty: 12 Yr Product, 25 Yr Performance or per Manuf. Warranty
- Victron Equipment: 5 years standard (Extendable)
- Clenergy Racking: 25 years; Other components: See Manuf. Warranty
- System wiring and details should comply with the following Australian standards:
 - > Optional roof-penetration seal
 - > AS3000 Electrical Installations OR AS3001 Electrical Installations, Transportable
 - > AS4509 Stand-alone power systems & AS5139 Battery Installations
 - > AS5033 Installation of Photovoltaic Arrays
 - > Any other applicable standards, statutory rules or guides
- System wiring should be checked and/or installed by a qualified person, ELV wiring should be completed by a competent person. LV Electrical work, including solar arrays above 120Vdc is NOT DIY, and should be completed by a qualified electrician. Check laws in your state. Comply with safe work rules in your area, eg working at heights.
- For installations which are not compliant, ecoCool disclaims responsibility for any loss or damage, where those rules are not complied with in full and directly.

*Information accurate at time of publication, subject to change.

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