



MAXXIOM POWER BOX – KELPIE MKII



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Maxxiom Power Box – Kelpie MK II - 3kVa with 5kWh Battery

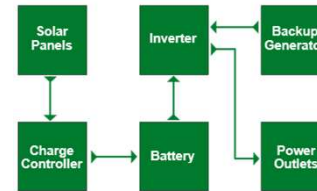
Solar Generation	
Number of Solar Panels	6 – Recommended (3S2P)
Panel Size (Watts)	440 W - Recommended
Total Solar (Watts)	2600 W - Maximum
Optimal Orientation	Single MPPT North

Output Solar + Battery	
Output Nominal	3000 VA (2200 w @ 40°C) 230 VAC
Peak Power	4000W (10 Seconds)
Primary Power AC (Life)	15 Amp 230 VAC (Terminal)
Auxiliary Power AC (Luxury)	10 Amp 230 VAC (Terminal)
Inlet	15 Amp 240 VAC (Caravan)
Usage Average per Hour	Sun Hours: 0.8 kW Night: 0.25 kW

Battery Capacity	
Battery Capacity	5kWh (1x 5kWh Modules) Expandable
Usable Capacity	4.49kWh
Runtime at 0.8kVa	6 Hours
Runtime at 0.4kVa	10 Hours

Dimensions mm	
Power Box – Kelpie	W 640 x H 730 x D 545 mm
Battery Expansion Unit 'EX'	W 640 x H 700 x D 545 mm

Maxxiom Power Box – Kelpie Mk II is the smaller and more cost-effective version of our popular “Blue Heeler MK.II”. Kelpie is a solutions for low power consumption off-grid living. Simply hard wire to an existing building or application and add panels for instant power. Ideal for glamping setups, minimal powered guest stays or sheds that are to far from a grid power supply. As your power needs grow, an additional 5kWh Battery can be added to increase storage capacity and an additional charge controller to increase solar generation. The Kelpie can provide, most of the power from solar generation during typical usage but also includes generator auto-start control for bad weather or higher than typical usage requirements. Active controlled cooling is built in and suitable for high temperature locations.



Recommended Applications

- Off-Grid Tiny Homes / Sheds / Off-Grid 1 Bedroom Home
- Remote Power Station (Mining / Agriculture/ Construction)
- Demountable Office & Accommodation Buildings
- Transportable Tiny Homes (Drawbar or Gusset Mount)
- IP55 Rated / Active Cooling
- 5 Years Power Equipment / 10 Years Battery Warranty



Inclusions & Expansion

4G Cellular Monitoring (12 Months) - Included
Generator Inlet 15 Amp with Auto-Start Interface - Included
Additional 5kWh Battery Upgrade Available
Additional MPPT Charge Controller Upgrade Available
GPS Locator - Included
Battery Expansion Cabinet (5-15kWh Battery) - Expansion
Level Sensors for Water & Fuel – Included (additional sensors requires)