



MAXXIOM
POWER SOLUTIONS



MAXXIOM POWER BOX – BLUE HEELER MKII



Maxxiom Power Box – Blue Heeler Mk II – 5kVa with 10kWh Battery

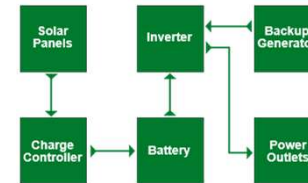
Solar Generation	
Number of Solar Panels	12 – Recommended (3S/2P per MPPT)
Panel Size (Watts)	475 W – Recommended
Total Solar Input (Watts)	5200 W - Maximum
Optimal Orientation	Dual MPPT North / Northwest

Output Solar + Battery	
Output Nominal	5000 VA (3700w @ 40°C) 230 VAC
Peak Power	9000w (10 Seconds)
Primary Power AC (Life)	21 Amp 230 VAC Terminal
Auxiliary Power AC (Luxury)	15 Amp 230 VAC Terminal
15 Amp Inlet	1 x 240 VAC
Usage Average per Hour	Sun: 1.2 kW Night:0.4 kW

Battery Capacity	
Battery Capacity	10kWh (2x 5kWh Modules) Expandable
Usable Capacity	9.12kWh
Battery Runtime at 1.5kVa	6 Hours
Battery Runtime at 0.5kVa	18 Hours

Dimensions mm	
Power Box – Blue Heeler Mk.II	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 - Blue Heeler Mk II is the next generation of our all-in-one ready to use flexible mountable off-grid power system. Easy to install, simply hard wire to an existing building or application. The system can control non-critical loads that are connected to the auxiliary power output for extended battery run times. Blue Heeler is almost completely self sustainable from solar generation during typical usage but also includes generator auto-start control for bad weather or higher than typical power usage requirements. Active controlled cooling is built in and suitable for high temperature locations. Blue Heeler remote monitoring can also use your own supplied WiFi device if you do not wish to continue with the included 12 months 4G monitoring plan. Batteries can be expanded up to a total of 25kWh in multiples of 5kWh with the 'EX' Battery Expansion Unit.



Recommended Applications

- Off-Grid Tiny Homes / Sheds / Off-Grid 2 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 Batteries– Requires 'EX' Expansion Unit

Additional MPPT Charge Controller – Requires 'EX' Expansion Unit

GPS Locator - Included

Battery Expansion Cabinet (Holds an additional 5-15kWh of Batteries) - Expansion