

MAXXIOM POWER BOX – BLUE HEELER MKII ‘EX’

Maxxiom Power Box – Blue Heeler MK II EX – 5kVa with 20kWh Battery

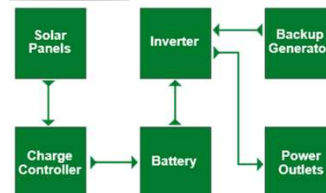
Solar Generation	
Number of Solar Panels	18 – Recommended (3S/2P per MPPT)
Panel Size (Watts)	470 W – Recommended
Total Solar Input (Watts)	10400 W - Maximum
Optimal Orientation	Triple MPPT North / Northwest

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	1x 240 VAC
Usage Average per Hour	Sun: 1.2 kW Night:0.4 kW

Battery Capacity	
Battery Capacity	20kWh (4x 5kWh Modules) Expandable
Usable Capacity	18 kWh
Battery Runtime at 1.5kVa	12 Hours
Battery Runtime at 0.5kVa	32 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 'EX' is the next generation of our all-in-one ready to use flexible mountable off-grid power system that includes the expansion unit, to which up to an additional 2 MPPT Charge Controllers can be added, along with an additional 15kWh battery storage capacity. 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 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 free 4G monitoring plan. After purchasing a Blue Heeler MKII, you can expand the battery storage up to a total of 25kWh in multiples of 5kWh, by adding them in a Blue Heeler 'EX' Battery Expansion Unit.



Recommended Applications

- Off-Grid Tiny Homes / Sheds / Off-Grid 2-3 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

Add additional 5kWh Battery (Maximum 25kWh) – Expansion

Add additional MPPT Charge Controller- Expansion

Additional charge controller add up to 6 Solar Panels

GPS Locator - Included