

Power Centre Home

www.powercen.co.za

BAF Range

not another UPS trolley



this is real solar backup

HOW DOES THIS WORK

might your wife ask



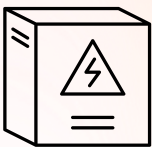
Pre-wired BAF system need to be connected by a qualified electrician to your home mains. No unnecessary: trunking, installation and wiring.

Quick, easy, safe - and it looks quite nice as well.



WHAT IS IT EXACTLY

might you ask



Pre-built and assembled inverter and battery system - all in a nice steel enclosure. PV panels could be added - the wiring has already been completed. This system is not a trolley inverter, it need to be wired into your home's main DB - like a real inverter backup system.



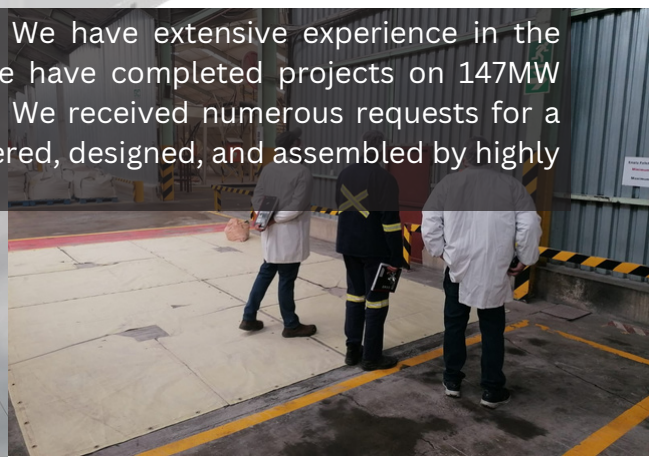
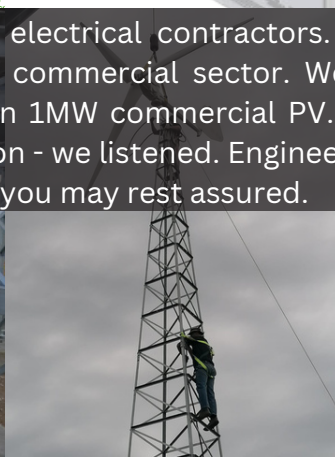
Lithium battery included and built into the BAF's enclosure.
Convenient LED screen and accessible switchgear
Protection: Fused protection on all input and output power.
Warranties: 3years on inverter and battery. Installer should register the installation with us.



WHO ARE WE

will your neighbors enquire

We are consulting engineers and electrical contractors. We have extensive experience in the mining, industrial, residential and commercial sector. We have completed projects on 147MW windfarms and installed more than 1MW commercial PV. We received numerous requests for a budget home backup power solution - we listened. Engineered, designed, and assembled by highly skilled engineers and electricians - you may rest assured.



COULD WE PLEASE HAVE

won't your insurer enquire
because you'll already have it

Document pack includes:

- All manuals & Instructions
- Wiring diagram / Single Line Diagram (SLD)
- Quality Check document before shipment
- COC (if we do the installation).
- If somebody else completes the installation - be sure to insist on a COC.
- Engineering signoff including testing and commissioning report

WHEN IS LOADSHEDDING
will no one ask again.
Because who cares now?

HOW ABOUT THE SPECS?

You will be amazed at the specifications - it is a normal residential system - packaged in a convenient little box



DC (Battery & PV)	
Max PV open-circuit voltage	500 VDC
Max PV power	8 000 Wp
PV MPPT voltage range	90 - 450 VDC
PV Strings Qty	2
PV Strings Connection	MC4
PV Current per String (MAX Amps)	18 A
DC Surge Protection per String	Type II, 600 VDC
Battery voltage	48 VDC
Maximum Solar Charge Current	80 A
Maximum AC Charge Current	80 A
Maximum Charge Current	80 A
Maximum Discharge Current	90 A (150A)
Total Energy capacity	4.8kWh (9.6kWh)
General Information	
Operating temperature	-10°C ~ +50°C
Cooling	Forced-air
Relative humidity	5-95% non-condensing
Dimension (W/H/D)	600/1500/600mm
Weight Approximate	100kg (150kg)
Transfer between on/off grid	Automatic - 20ms
Standby consumption	<70W

AC (Grid Connected)	
Apparent power	7 200 VA
Rated power	7 200 W
Rated voltage	230 V
Rated current	31 A
Rated frequency	50Hz / 60Hz
AC connection	Single Phase
AC input	8 000 VA
AC (Off-grid)	
Apparent power	7 200 VA
Rated power	7 200 W
Rated voltage	230 V
Rated current	31 A
Rated frequency	50Hz / 60Hz
Overload capability	110 - 150% @ 10 sec

Power Centre is a proud subsidiary of Xnovest Africa
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