



REV OV ATOM

Pure Sine Wave

The **REV OV ATOM** is a compact, fully integrated all-in-one backup system with pre-programmed batteries, pre-calibrated Battery Management System's (BMS) and a 2kW inverter.

The entire unit contains all the necessary wiring and correct fusing, as well as a kettle cord input and standard South African 3-pin socket with USB ports to connect the output devices to the Pure Sine Wave AC Output.

REV OV batteries are energy storage Lithium Iron Phosphate batteries are designed to withstand harsh conditions, extreme temperatures and have a high energy density.

REV OV batteries are environmentally responsible, reducing electronic waste and repurposing important materials.

Note: The unit is designed to be used as a mobile UPS system, and thus is not designed to power devices, through the installed home electric wiring.

KEY FEATURES

- The **REV OV ATOM** is a 2kW pre-configured UPS with the immediate backup transition from grid power to battery power
- Available in the storage size of 5.12kWh, 2 x 12.8V 200Ah batteries
- No maintenance or fuel required
- Output plug on the unit for use with an extension cord or directly connected device
- Bluetooth Smartphone Application display of battery performance and state

Note: The **REV OV ATOM** is not IP rated so the unit must be installed indoors.

CODE: SYS-2LiFe-PORT-PS-ATOM-2kVA-5.12kWh

WARRANTY

REV OV Batteries (PTY) LTD: 3 years or 2 000 cycles. 1 year warranty for inverter used in the **REV OV ATOM**.

DOD When used properly every day the **REV OV ATOM** can be safely discharged to 80% of its rated 200Ah capacity. Battery life is shortened if it is discharged beyond its rated Ah capacity.

FREEDOM FROM DEPENDENCE

SPECIFICATIONS

Output	
Transfer Time	20 ms typical
Waveform	Pure Sine Wave
Power Output	2000W
Max Peak Power Output	230 VAC
Battery	
Battery Voltage	25.6VDC
Boost Voltage	28.8VDC $\pm$ 0.3VDC
Floating Charge Voltage	27.4VDC $\pm$ 0.3VDC
Max Charge Current (DC)	70A
Full Energy Capacity	5.12kWh
Usable Energy Capacity	4.096kWh
Recommended Charge Current (DC)	50A
Available Depth of Discharge	80%
Maintenance	Charge the battery every 6 months when not in use.
Physical	
Dimension (D*W*H) (Metal)	550mm x 270mm x 596mm
Battery Weight	56kg

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