



REVOV ATOM Modified

REVOV2nd LiFe batteries are energy storage Lithium Iron Phosphate battery that use superior 16 cell configuration, made up of automotive grade cells, which are designed to withstand Harsher conditions, extreme temperatures and have a higher energy density.

The **REVOVATOM** is a compact, fully integrated all-in-one backup system with pre-programmed batteries, a pre-calibrated BMS and a 1.2kW 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 to connect the output devices to the modified sinewave AC out.

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

KEY FEATURES

- The **REVOV ATOM** is a 1.2kVA/1.2kW pre-configured UPS with the immediate backup transition from electricity to battery power
- Available in two storage sizes 2.56kWh/4.8kWh with two 12V 100Ah or two 12V 200Ah batteries
- Charging from the Grid can be set to 10A or 20A
- No maintenance or fuel required, creates no fumes or noise
- Output plug on the unit for use with an extension cord or directly connected device
- Bluetooth Smartphone Application display of the battery performance and state

Note: The **REVOV ATOM** makes use of a Modified Sinewave AC Output and is thus not recommended for usage with inductive loads such as pumps, fans, fridges etc. as it may damage the devices. Only resistive loadshare recommended with usage. The modified sinewave may not be compatible with some Apple Computers.

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

WARRANTY

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

DOD When used properly every day the **REVOV ATOM** can be safely discharged to 100% of its rated 100Ah/200Ah capacity. Battery life is shortened if it is discharged beyond its rated Ah capacity.

SPECIFICATIONS

Output	
Transfer Time	20 ms typical
Waveform	Modified sinewave
Power Output	1200W
Voltage	230 VAC
Battery	
Battery Voltage	25.6VDC
Boost Voltage	28.8VDC ± 0.3VDC
Floating Charge Voltage	27.4VDC ± 0.3VDC
Max Charge Current	10A or 20A
Energy Capacity	2.56kWh 4.8kWh
Recommended Charge Current	25A 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