

Re: Lead Acid/Gel/AGM batteries

IMPORTANT NOTICE: 12V/24 INVERTER BATTERY LIFE WHEN USING SEMI SEALED FLOODED OR VRLA LEAD ACID BATTERIES BRANDS: ENERGIZER, RED, BLU, FORBATT BATTERIES.

Kloners Electrical has been supplying high quality semi sealed flooded & VRLA lead acid batteries into 12/24volt inverters in the market for the past 6 years. With the recent unprecedented power challenges in South Africa, it is important to understand the warranty and life expectancy of your battery. The warranty covers manufacturing and material defects only; it does not guarantee that your batteries will last 12 months or more without a reduction in capacity/runtime. Premature capacity/runtime loss due to Load Shedding conditions include:

1. Number of discharges and recharges (Cycle Life)

- a. Eskom's load shedding schedules of proposed daily blackouts are in a range of up to two – four times per day and up to four hours duration and more in some instances; therefore, the application is not standby but cyclic.
- b. With load shedding frequencies from two to four times daily - these daily load shedding conditions represent a cyclic application – meaning a greater demand on the battery combined with shorter recharge times. The net result is a possible premature capacity loss of your battery.
- c. Both these Sealed Maintenance Free lead acid batteries are designed for infrequent load shedding backup systems.
- d. The average life span for semi sealed wet lead acid batteries during infrequent power outages is 2 to 3 years.