

Regen Batteries



What is Battery Regeneration?

Battery regeneration is the process of restoring old lead-acid batteries to near-original performance by using high-power electrical pulses to break down the build-up of lead sulphate crystals that form on the electrodes and reduce battery capacity over time. Through advanced regeneration technology, we give batteries a second life—minimizing waste, saving costs, and preserving their original purpose.

By choosing to regenerate your lead-acid batteries instead of disposing of your end-of-life batteries (to landfill or recycling plant) and buying new replacements, you contribute to a sustainable, cleaner environment and a more circular economy – with the additional benefit of continued performance from the regenerated battery.

Why Choose Battery Regeneration?



Save Money

40 to 50% less than new batteries.



Lower your Carbon Footprint

Up to 70x less CO₂ emissions compared to recycling & manufacturing new batteries.
Re-using rather than recycling = Circular economy.



Proven Effectiveness

Successful regeneration in real-world situations across 42 countries globally.



Reduce Industrial Waste by 50%

Keeping batteries out of landfills by doubling battery life.



Support your sustainability goals (CSR & ESG)

Aligns with UN Sustainable Development goals and Ecovadis CSR ratings.

Regen Units

Ready-to-deploy power when you need it.

ABEC REGEN offers a range of high-demand, fully regenerated batteries that are tested, reliable, and ready for immediate use. Our regeneration process restores battery capacity and performance, providing a cost-effective alternative to buying new.

Options available:

- **Outright purchase**
- **Exchange/swop programmes** for quick replacement

All units are quality-checked and performance-tested to ensure dependable operation from day one.

Pricing

Regen Battery

Battery Specification		Inclusive of Regen battery with 2 year warranty
Volts	Amp Hour	Price
48	550	R26,400.00
48	560	R26,880.00
48	495	R23,760.00
48	560	R26,880.00
48	525	R25,200.00
48	775	R37,200.00
48	910	R43,680.00
48	525	R25,200.00
48	800	R38,400.00
48	720	R34,560.00
24	375	R9,000.00
24	270	R6,480.00
24	225	R5,400.00
24	300	R7,200.00
6	295	R1,770.00
6	357	R2,142.00
12	120	R1,440.00
8	145	R1,160.00
6	198	R1,188.00
6	261	R1,566.00
6	245	R1,470.00
6	283	R1,698.00
6	297	R1,782.00
6	270	R1,620.00
6	323	R1,938.00
12	100	R1,200.00



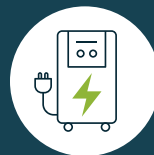
Who we serve?



Industrial electric vehicles and material handling machinery (e.g. forklifts)



Leisure electric vehicles (e.g. golf carts)



Enterprise UPS systems

Contact Us

For more information on how Abec Regen can support your needs, visit our website or contact us directly.

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