

Give batteries a second life with TVH's Energic Plus

The Energic Replus battery regenerator is fast, accurate, efficient and provides detailed reports on battery condition before and after analysis of the battery down to cell level.

TVH has sold 500 machines in more than 50 countries, including Australia, TVH Australia's Marketing Coordinator, Ana Castro, said.

"Australian customers such as Liftech have been using the Regenerator for close to a year and have seen the benefits with over 200 batteries regenerated, extending the battery life and saving thousands of dollars," Ana said.

"The application field includes every lead-acid-based battery commonly used from starter batteries to traction batteries, semi-traction batteries and high-power stationary batteries (UPS market).

"Battery regeneration is becoming very popular, especially in the access industry, where assets sitting idle for extended periods are causing battery sulphation. Up to 80% of the batteries that break down and lose their capacity are sulphated, but these can be restored

with the right equipment. If your battery is maintained properly, it can easily last for another two-three years," Ana said.

The Energic Replus battery regenerator process is automatic and doesn't require special attention since the entire process is temperature-controlled and monitored by the included software, Ana said.

"After approximately 40 hours the regenerator will have finished the entire operation which consists of two complete charge and discharge cycles designed to desulphate your battery completely.

"If used in combination with our BMS (Battery Monitoring System) technology,



Battery regeneration is becoming very popular

the Replus regenerator will analyse your battery down to cell level, after which, the recovery mode will start automatically to completely desulphate your battery. One sensor per cell tells us the voltage throughout the entire regeneration process so this will give us a view on the condition of each of the single cells. With the diagnostics software you detect which cell is no longer functioning properly causing the battery to run down.

"The regenerator can also be programmed remotely by computer (via wireless communication) or it can be programmed on the machine itself."

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