



New Alcad Slim nickel cadmium battery delivers maximum backup in the smallest possible footprint

Slim nickel cadmium battery has the same form factor and simple charging characteristics as valve-regulated lead-acid (VRLA) batteries with higher reliability, longer life and maintenance-free features

Oskarshamn, Sweden, 12th of November 2020 – Alcad, one of the world’s leading manufacturer of advanced industrial batteries, has launched the new Slim range of nickel cadmium (Ni-Cd) batteries to provide best-in-class weight and space saving for mission-critical backup applications. They are ideally suited to remote sites such as oil and gas installations and for applications where there are significant space restrictions like outdoor cabinets for utilities and railway infrastructure.

Nickel cadmium batteries provide higher reliability and longer life than traditional valve-regulated lead-acid (VRLA) batteries, giving them a lower Total Cost of Ownership (TCO).

Alcad Slim is 30 percent lighter than VRLA batteries and has superior energy density. That makes them a direct like-for-like replacement for VRLA batteries with the additional benefits of improved reliability and longer life. Furthermore, they use exactly the same single charging system as VRLA technology.

Erick Lopes, Product manager for Alcad Ni-Cd batteries said: “Operators can replace their existing end of life VRLA batteries with the Alcad Slim and instantly boost reliability and reduce maintenance. Space and weight are expensive in remote sites, especially on oil and gas platforms – so as the most compact Ni-Cd industrial backup on the market, the Slim will help to control costs.”

The key to the Slim nickel cadmium battery’s small footprint and light weight is Foam/Plate Bonded Electrode (PBE) technology. This production technique enables creation of very thin electrode plates, which are arranged closely together in a compact design to maximize the use of space.



In addition, Alcad engineers have optimized the Slim to accept charging over a wide voltage window. The mechanical design has also been optimized for industrial applications and benefits from a rugged steel case.

The Alcad Slim is a maintenance free Ni-Cd battery solution, that ensures high performance across a wide temperature range of -20 to +50°C.

About ALCAD

Alcad is one of the world's major suppliers of advanced nickel cadmium batteries for industrial and commercial applications. The company offers an extensive range of cutting-edge nickel cadmium battery solutions, designed to deliver high performance, safety and reliability.

With a commercial presence in more than 80 countries worldwide, the Alcad team supports customers with a broad portfolio of services, from initial consultancy through sizing, installation and commissioning to after-sales with an uncompromising focus on quality.

Alcad's long established ISO 9001 and ISO 14001 certified production sites and headquarters in Sweden incorporate a century of knowledge and experience to provide advanced nickel cadmium battery solutions for the global industrial standby market. www.alcad.com

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