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ALCAD reduces installation footprint by up to 50% with new compact battery racks

- *New rack design to house Vantex maintenance free batteries makes use of space formerly needed for maintenance access*
- *Customers such as utilities and offshore installations will benefit from doubling their backup capability in the existing footprint or halving the installation size for the same capacity*

Oskarshamn, 13th of February 2017 – ALCAD Ltd has introduced a new generation of compact battery racks to address one of the biggest challenges for industrial operators: the limited space available for backup batteries in critical installations. The new rack enables operators using ALCAD™'s nickel technology batteries to either reduce their installation footprint by up to 50 percent or double the available battery capacity in the existing space.

Designed and manufactured to the very highest standards, ALCAD™'s new compact racks are targeted at applications where space is at a premium, such as utility control buildings and offshore oil & gas installations.

The new rack is a breakthrough for backup installations made possible by ALCAD™'s Vantex batteries, which are a maintenance-free solution for backup power in demanding industrial installations. Vantex batteries are used widely in oil and gas, utilities and manufacturing applications to provide power for UPS (uninterruptible power supplies), mission critical control and safety systems.

ALCAD compact racks are designed for a 30-year lifetime and are coated for resistance to chemical reaction with electrolyte. They can accommodate up to six rows of batteries over up to four tiers depending on the cell type and the requirements of the installation.

Previous generations of batteries required space for technicians to access batteries and carry out essential maintenance inspection, testing and filling with electrolyte. Because Vantex batteries require no maintenance, ALCAD Ltd has redesigned the racks to make full use of the available space. The new compact racks feature a reduced height between battery tiers so that more batteries can be stored per square metre.

“Although the battery rack is often regarded as a low-tech mechanical element in the overall battery system it can play a critical role in ensuring the performance and longevity of a backup power installation. That’s why ALCAD places so much emphasis on the correct sizing, design and construction of our battery racks,” says Mikael Greis Product Manager of ALCAD™. “Our new Compact Rack design enables our customers to make optimum use of the usually limited space available for backup power systems.”

About ALCAD

Alcad has long been recognized as one of the worlds’ leading suppliers of standby power thanks to its extensive range of battery types, all designed to deliver power, safety and reliability. Alcad’s unrivaled advantages are: reliable cutting-edge technology products, global reach of services, uncompromising focus on quality and over a century of experience. Alcad makes the essential task of sizing, ordering and installation easy. Whatever your location, the friendly and responsive after-sales service, the reliable products and Alcad’s motivated and enthusiastic team support you from the start with an uncompromising focus on quality. Alcad’s production sites benefit from over a century of knowledge and experience in nickel-cadmium battery production to supply today’s global advanced technology battery market.
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