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Alcad Vantex New Generation batteries deliver exceptional performance and reliability in backup power installations

- Well proven Vantex range has been further refined with a high-technology design that ensures improved performance and maintenance-free operation in even the most demanding industrial applications

Orlando, May 16, 2011 – Alcad, one of the world's leading suppliers of batteries for stationary power, is launching its Vantex New Generation range of nickel-cadmium (Ni-Cd) industrial batteries at Battcon 2011. The new high-technology design adds a crucial advantage to the already well proven Vantex range by offering maintenance-free operation, in terms of topping up with water, under recommended operating conditions.

The original Vantex pocket-plate design, launched in 2008, set the benchmark for outstanding battery performance in stationary industrial backup applications, even in installations operating at ambient temperatures of +40°C or more. It is widely used across the oil & gas, utility and electricity industries to provide reliable backup power in applications such as UPS, emergency and security systems and process control. Thanks to the adoption of a new high-technology design, Vantex New Generation will require no topping up with water throughout its long service life, helping operators to optimize the TCO (total cost of ownership) of their battery systems.

Vantex New Generation also offers further improvements in performance - by up to 10 percent, according to the relevant discharge time. This makes it easier for installers to specify a battery at the correct, optimized size for their specific application, helping to save on initial purchase costs on top of the important savings in maintenance costs throughout the battery life. Another key advantage is that Vantex New Generation has improved chargeability at elevated temperatures, enabling it to achieve well over 90 percent capacity after a single 15-hour charge at +40°C.

For more information contact:

Catharina Söderlund
Tel : +46 491 68100
soderlund.catharina@alcad.com
www.alcad.com