Industrial Batteries (UK) Limited

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Greenlands Business Centre
Studley Road, Redditch, Worcestershire, B98 7HD
Tel: 01527 520052 Fax: 01527 520053
E-mail: sales@ibluk.co.uk, Web: www.ibluk.co.uk

ALCAD - Vantex Ranges : Key Features

Their outstanding features are :

- ✓ Extended performance ranges from 30 minutes (Vantex M) to more than 10 hours (Vantex L range)
- ✓ Flooded, not starved electrolyte, cells maintain advantages of nickel-cadmium batteries in difficult environments
- ✓ Up to 10 years without any need of water replenishment under any conditions.
- ✓ Controlled recombination rates eliminate risk of thermal runaway
- ✓ Proven pocket plate reliability with lifetime > 20 years and high resistance to failure
- ✓ Exceptional high and low temperature performance
- ✓ Extended lifetime of better than 20 years with established low life cycle cost
- ✓ Easily meets the requirements of the IEC 60623 and 62259 Standards

The major design features of the Alcad Vantex ranges are :

- ✓ Proven fully welded internal construction of steel components
- ✓ Industrialised strong welded polypropylene containers as standard
- ✓ Unique fibre separator to improve recombination and reduce water consumption
- ✓ Specially developed flame arresting vents as standard

For a full commercial brochure for these products or for further details, please do not hesitate to contact us.

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ALCAD - Vantex Cell Range : Advantages

With a 20-year life and ultra-low maintenance requirements, Vantex uses the established Vantage technology which has become the cost-effective first choice for trouble-free standby power in the most demanding applications.

More reliable

Vantex can continue to supply power for 20 years or more thanks to its corrosion free construction and Alcad's tried and tested pocket-plate technology. No physical plate degradation and no sudden death with resulting costly downtime.

Low life-cycle cost

The cost of ownership of a battery system can be calculated across three distinct phases: the initial investment, including the cost of purchase and installation; ongoing maintenance costs, including unexpected and expensive downtime periods; finally, the battery replacement costs, which include the expense of disposal as well as renewal. Based on the Alcad Vantex technology, Vantex is the most cost-effective solution for any application – onshore or offshore – where long battery life, low maintenance costs, resistance to corrosion and total reliability are prime operating requirements.

No water filling

Water filling is only necessary every 10 years during the more than 20-year service life of the Vantex battery. This maintenance period is significantly more than the expected ***lifetime*** of the best VRLA batteries.

More durable

Vantex will survive treatment which would destroy lead acid batteries. This battery accepts ripple currents up to 0.2 C5A eff without problems and can be over-discharged or reversed without damage.

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