



Alcad Stationary
Ni-Cd **batteries**



Reliability inside

ALCAD

WHATEVER YOUR LOCATION with representation in more than 80 COUNTRIES WORLDWIDE

Alcad's motivated and enthusiastic team supports you from the start with the essential task of advising sizing, ordering and commissioning

Alcad LTD is one of the world's major suppliers of nickel-cadmium batteries for industrial and commercial applications.

ALCAD LTD COMPANY

The company was originally formed in 1918 as Batteries LTD and has since then undergone several name changes, the most recent of which are Chloride Alcad (1973-1982) and Marathon Alcad (1983-1987). In 1988, the company became Alcad LTD.

Alcad LTD offers an extensive range of advanced battery systems, designed to deliver power, safety and reliability. Alcad's unrivalled advantages are: cutting-edge technology products, global reach of services and uncompromising focus on quality.

Alcad's long established ISO 9001 and ISO 14001 certified production site and headquarters in Sweden benefit from a century of knowledge and experience in nickel technology battery systems to supply today's global advanced battery market.

80 countries
worldwide

5 sales
offices
Sweden
Singapore
Cyprus
US
UK

70
agents
&
distributors
worldwide

Alcad offers the solution you need

If your activity requires emergency power, UPS or control & safety system support, Alcad has the solution you need.

Our nickel-cadmium (Ni-Cd) batteries are particularly well suited to complex projects in harsh environments, as well as in locations with extremely hot or cold climates.

Alcad batteries support critical loads, start backup generators, control shutdown processes, protect control and switching systems and UPS installations, and safeguard computer data in a wide range of industries across the world.



Alcad batteries support vital control and instrumentation systems in oil & gas exploration and production facilities, both offshore and onshore.

Our high performance, high reliability, low maintenance batteries are perfect for installations in remote locations with restricted access.



Alcad battery systems provide the reliable backup power that is crucial to ensure the safe, continuous operation of a wide variety of industrial applications such as process plants and large public buildings, especially hospitals and telecom installations.



Alcad batteries are the most reliable source of power for backup systems necessary to support a wide variety of mission-critical activities at facilities that produce and distribute electricity, gas and water.

“

Even at the extremely high temperatures we experience here, our Alcad batteries have a very long service life compared to other battery technologies.

”

Maintenance Engineer at a utility – Indonesia



A wide range of nickel-cadmium solutions for stationary applications

Single Cell Range

When maximum operating reliability is key

Capacity range: 9 Ah – 1690 Ah

Available in L (LCE P / LBE P), H (HC P / HB P) and M (MC P / MB P) types

- Simple to maintain
- Life expectancy of more than 20 years
- Operates across a wide temperature range from - 20°C (- 4°F) up to + 50°C (+ 122°F)
- Resistant to electrical abuse
- Resistant to shock and vibration
- Low life cycle cost

Vantex New Generation

The best choice for challenging stationary industrial backup power applications at high temperatures

Capacity range: 8 Ah - 1700 Ah

Available in L and M types

- Maintenance-free with no water addition under recommended operating conditions
- Very low gas emission
- Very good chargeability
- Storage filled with electrolyte and charged up to 2 years
- Long life, reliable operation up to + 40°C (+ 104°F)
- Easy to handle, easy to use

“

Our Alcad batteries provide excellent performance for the entire service life of our UPS

”

Head of the Electrical Department at an oil & gas company – South Africa



“

Our activities demand batteries with extremely high reliability. Alcad has been providing that for more than 20 years

”

Chief Engineer at an offshore oil & gas plant – Qatar

Vantage Range

Reliable source of stored energy for critical applications

Capacity range: 8 Ah – 850 Ah

- Ultra low maintenance
- High reliability
- Long life
- Highly resistant to electrical abuse
- Operates reliably up to + 40°C (+ 104°F)

XHP Range

For vital engine starting and emergency backup applications

Capacity range: 11 Ah – 320 Ah

- Extremely long life
- Reliability in all conditions
- Fast recharge capability
- Narrow voltage window
- Low installation and maintenance costs

Solar Range

The most reliable solution for remote, hostile environments

Capacity range: 50 Ah - 1830 Ah

- Purpose-built for stand-alone hybrid systems and PV applications
- Achieves 10,000 cycles at 15% depth of discharge
- Performs at any state of charge
- Low maintenance
- Operates in extreme temperatures from - 50°C (- 58°F) to + 70°C (+ 158°F)



World-class services before and after you buy

We believe the quality of our offer includes the quality of the services you get both before and after you acquire one of our products.

Our BaSiCs Battery Sizing and Configuration System for stationary applications is a tool designed to help you quickly and easily find the battery solution that fits your needs.

With layouts and cell datasheets completely integrated, a few clicks are all it takes to determine what you need and easily share it with your usual Alcad sales representative. Once you've chosen your Alcad battery system, you can be confident knowing that we work with an international network of certified service stations who will ensure all of your after-sales installation support and maintenance needs with the Alcad-style quality you expect.



Install and maintain your own Alcad batteries

Thanks to our training courses, your technicians and engineers can properly install and maintain Alcad batteries themselves.

Courses cover basic and advanced subjects, with a special focus on installation and maintenance guidelines and standards to ensure maximum performance and reliability from your power systems.

Our training courses include both theory and hands-on practice. They can be delivered at your site anywhere in the world or taken at one of our facilities.

“

For our substation applications, Alcad is a trusted supplier for durable batteries with an extremely long life

”

Service Manager
at an industrial company
Taiwan

Committed to ensuring the highest quality

At Alcad, we are committed to maintaining our recognized leadership in quality.

We accomplish this in part by rigorously implementing and often even exceeding established global standards, including ISO 9001, ISO 14001 and the Alcad World Class Continuous Program.





High performance, long-life nickel-cadmium batteries

Alcad has long been recognized as one of the world's leading suppliers of backup and starting solutions for complex projects thanks to our extensive range of batteries.

All of our nickel-cadmium batteries will deliver power, safety and reliability to your stationary applications across a long service life, even at high temperatures.



Dedicated professionals serving your needs around the world

Beyond our renowned expertise, Alcad is even more proud of our friendly and responsive pre-sales and after-sales service teams. We place an immeasurable importance on providing you with the best possible service, before you buy from us and after.

The members of our flexible, dynamic worldwide sales network are devoted to making sizing, ordering and installation easy, wherever you are located.



A century of experience supporting your industrial applications

With more than one hundred years of successful activity behind us, you know you can trust our expertise and be confident in the high quality of our nickel-cadmium batteries. Our knowledge and experience serves our customers in a wide variety of ways.



Alcad's training courses are excellent. We can now ensure maximum performance and reliability from power systems thanks to what we learned about battery sizing, installation, maintenance and troubleshooting.



Technical Manager at a contracting company – Venezuela




A responsible corporate citizen

Alcad is committed to protecting and preserving the environment. We are engaged in a sustained effort to use resources responsibly and to act in a way that clearly demonstrates our great respect for the planet.

Alcad LTD has set up a network of Bring Back Points (BBPS) which receive end-of-life nickel based batteries from end users free of charge. These batteries are then shipped by these BBPs to our recycling facility in Sweden or to fully permitted recycling companies, in compliance with the laws governing trans-boundary waste shipments.

The recycling efficiency of these recyclers exceeds 75% of the nickel based battery weight (a level which exceeds the mandated recycling efficiency of 65% applicable to lead-acid batteries), and recycled materials are reused as secondary raw material for industry.

This network of Bring Back Points comprises over 30 entities, and provides services in all of our major markets in Europe, North America, Asia and Africa. The list of BBPs and their contact details are available on the Alcad website.



THE ALCAD
PLANT IN
OSKARSHAMN,
SWEDEN HAS ITS OWN
IN-HOUSE RECYCLING
FACILITY

Alcad Sales Offices

United Kingdom

Telephone: +44 1279 772 555

Middle East

Telephone: +357 25 871 816

Facsimile: +357 25 343 542

Asia

Telephone: +65 6 7484 486

Facsimile: +65-6746 6772

USA

Telephone: +1 203 985 2500

Facsimile: +1 203 985 2539

Alcad Limited Headquarters

Sweden

Telephone: +46 491 68 100

Facsimile: +46 491 68 110

Reliability inside

ALCAD