



www.meccalte.com

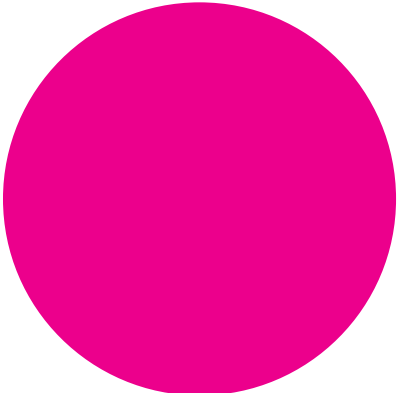


**Totally Focused.
Totally Independent.**





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Totally Independent.**



Focusing on

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'The power of partnership'

Focusing on

World-class Synchronous Alternators

There are six main reasons why we're a world-leading producer and supplier in our market sector.

- ▶ We only make one kind of product. This means that we're always totally focused on producing high quality synchronous alternators.
- ▶ Our company is totally independent. That's why we never compete with any of our customers in the end market.
- ▶ We believe in the power of partnerships. Consequently we consistently aim to be the most reliable partner for companies working in the energy field.
- ▶ We do it all. From the design and personalisation of high quality synchronous alternators right through to solutions to technical problems and after-sales assistance.
- ▶ We're strategically focused. We offer a versatile range from 1 – 3000kVA, from portable alternators to machines for industrial use.
- ▶ We do everything ourselves. We have complete control over our sales and distribution and absolute control over all the components we use.

*'All brilliant ideas
are very simple'*



Focusing on

Our Group

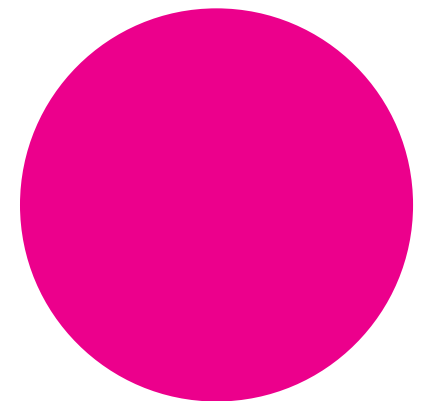
We are now a global group with over 800 employees, but we started life as a family business. Mario Carraro launched a repair workshop for electric motors in Italy in 1947 and eventually progressed to the production of small electric motors.

In the next decade his company moved on to producing alternators and in the early 1970s things really began to take off. Of course, all brilliant ideas are very simple. In this case, Mecc Alte decided to concentrate its activities on a single type of product. This led to a progressive expansion of our production range and our share of the Italian market. In the 1980s, we opened our first branches for sales and assistance in France, Germany, The UK, USA and Singapore which paved the way for our growth in international markets. However, it was during the 1990s that our rapid and consistent rise in sales allowed our current production levels of 1400 alternators a day to be achieved.

We are now a worldwide group with seven factories occupying a total area of over 51,000 square meters. Each facility is concentrated on the production of world class alternators. With complete manufacturing in Mecc Alte Spa in Italy (1 - 3000kVA), Mecc Alte UK in Great Britain (1-1560kVA), Mecc Alte Haimen in China (7.5 - 3000kVA) and Mecc Alte India in Pune India (6.5 - 84kVA). This network of factories is additionally supported by wholly owned subsidiaries based in, Australia, France, Germany, Singapore, Spain and the USA who specialise locally in the sales, distribution and aftersales for all Mecc Alte products.

Mecc Alte has gained over 60 years of experience, which dates back to 1947.

Mecc Alte have factories or distribution centres in every continent around the world.





'The highest possible levels of specialisation'

Focusing on

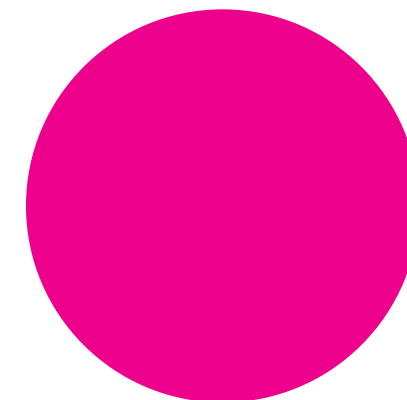
Strategic Expansion

Mecc Alte works in a market that is dominated by international industrial giants. We are a company capable of competing with all major European, American, and Asian multinationals and have won a worldwide market share believed to be in excess of 15%.

We are a highly successful company expanding in our market because we concentrate on a single product sector. This strategic decision has allowed us to attain the highest possible levels of specialisation enabling us to offer the world's widest range of synchronous alternators-from 1 to 3000kVA. We are proud of our strategic expansion... and the fact that every single one of our components is controlled within our group making us well positioned to further grow our operations worldwide.

Mecc Alte has won over 15% of the worldwide market share.

Mecc Alte specialises in synchronous alternators.



Focusing on

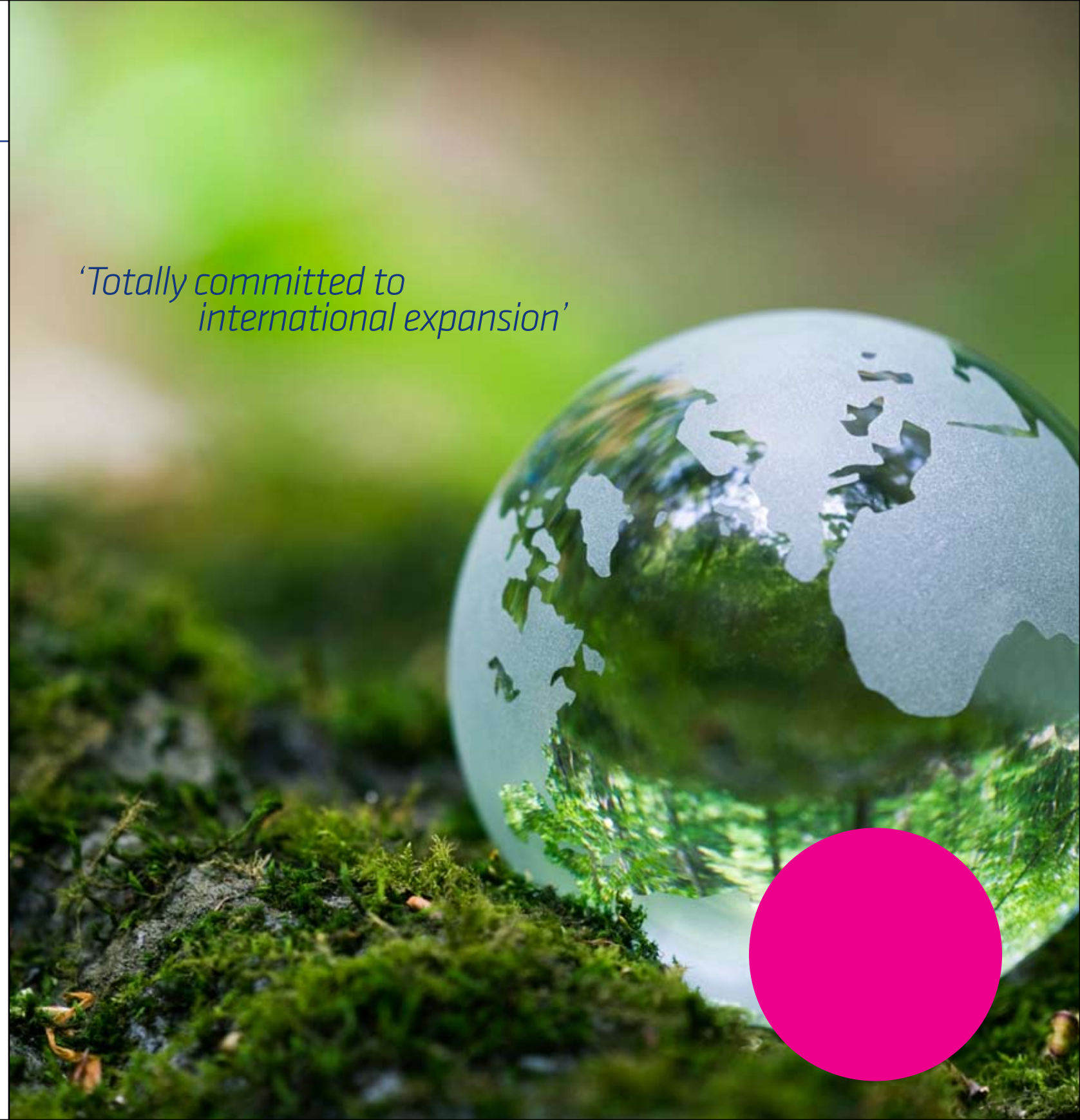
Worldwide Growth

With an estimated global market share of over 15% we support our rapid growth with continued reinvestment. The recent investments in China and India will see international expansion in Asia and the near and far east. Further investment increasing the range manufactured in the UK will also consolidate our growing worldwide position in these markets.

Investing in our future through increased global capacity ensures that we are able to support the growth of our customers, react to any market demands and ensure we can instantly realise any growth opportunities for us and our customers.

Investing in our future will increase global capacity

'Totally committed to international expansion'



'We see our employees as our most important asset'

Focusing on

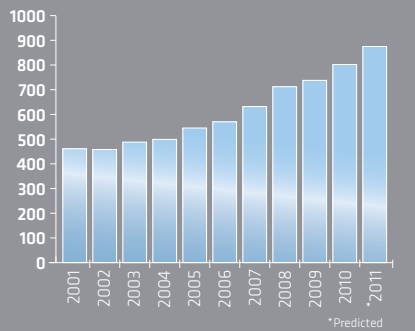
Our People

Our products are successful because of their high quality – and because our people provide real added value. We see our employees as our most important asset. Professional, skilled, experienced and committed... they are the reason for our success.

We now employ over 800 people throughout the world and we invest heavily in ongoing training program to ensure that they are able to make a significant, ongoing contribution to our expansion.

Mecc Alte now employ over 800 people worldwide.

Number of Employees (Yearly Growth)



Focusing on

Our Technology

Predicting the needs of the market has always been standard practice for us. That's why the group has its own in-house research division and why we have collaborated closely with the Engineering Faculty of Padova University for over 30 years. Constant research and experimentation allows us to construct machines that are smaller, lighter and more efficient than those produced by our competitors.

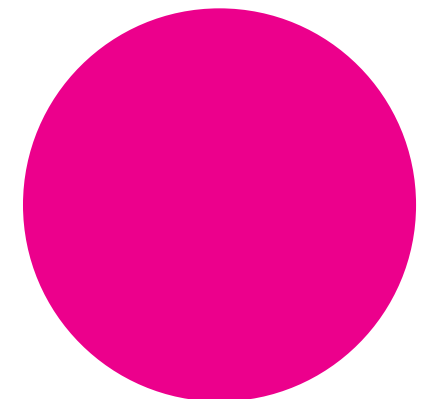
Operating at the cutting edge of design, Mecc Alte develops its mechanical components using solid design and utilises dedicated design software for electronic parts. Every alternator model is designed using simulations of finite element analyses.

We have an extremely well-equipped test laboratory and we are a co-founder of the Crei-Ven Electronics Industry Research Consortium – a body that promotes scientific activities and international collaborations.

Internal division focusing on research and development of new technologies.

Collaboration with the Engineering Faculty of Padova University for over 30 years.

'Operating at the cutting edge of design'





'The highest possible quality standards'

Focusing on

Our Quality

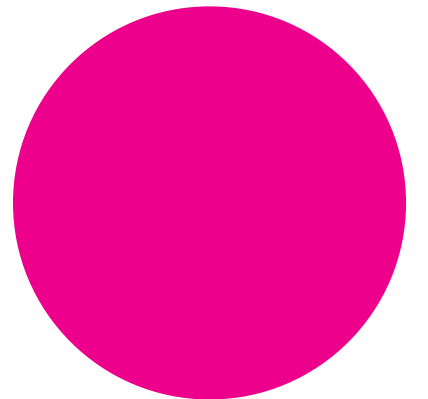
We always strive to maintain the highest possible quality standards in every sector of design, production and sales. With us, the pursuit of quality begins long before actual production with checks on semi-processed parts and sample tests on electronic components. These tests are performed with rapid aging methods – by means of alternating exposure to extreme temperatures.

Our quality is enhanced during the production process with computerised equipment making checks on electronic and electrical circuits. The high quality of our finished products is achieved via a perfect combination of high performance and maximum reliability. It is maintained by ensuring consistent, and guaranteed, product quality across all of our factories.

The quality of our products is certified by international bodies such as the Canadian Standards Association (CSA), the Underwriters Laboratories (UL) and Det Norske Veritas (DNV). Further supported by our ISO9001 accreditation from Registro Italiano Navale (RINA). Every quality mark is a guarantee of the painstaking assessment of prototypes and a commitment to continuous audits by external inspectors to monitor product consistency-and product quality.

With us, the pursuit of quality begins long before the start of the production process

Certifications owned by Mecc Alte



'Constant contact with the greatest possible number of customers'

Focusing on

Our Communication

We demonstrate our capabilities via close collaborations with our partners. Communication is a vitally important part of this continuous process and to ensure success considerable time and resources are invested in establishing a close relationship with each and every one of our customers.

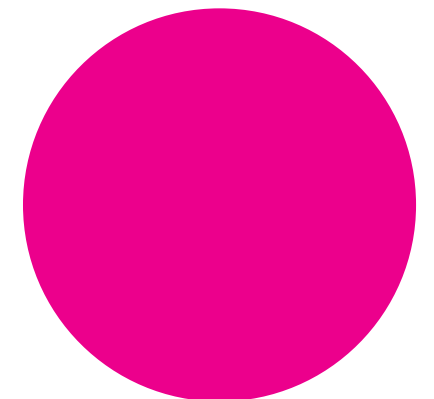
Mecc Alte always has a presence at international trade fairs and pays close attention to the markets to ensure it can support its customers in the best possible way. We have an extensive media communications program with advertisements in specialised trade journals and local publications.

Our carefully designed website contains a complete catalogue of products, detailed information and technical data sheets, along with a list of authorised assistance centres. The website is updated daily and ensures the latest product news and information is always available twenty four hours a day seven days a week.

Mecc Alte has an extensive media communication program worldwide.

The website has a complete catalogue of all Mecc Alte products.

www.meccalte.com



Focusing on

Our Production Process

The process begins with carefully selected materials and components, thoroughly tested in compliance with ISO 9001 quality specifications.

Our production process covers a variety of mechanical processing phases performed by advanced, latest generation numerical-control machines. These machines combine exceptional performance and reliability in order to guarantee the highest levels of dimensional precision. Robots and other machines (designed and constructed to our own specifications to ensure only the highest standards of quality, safety and accuracy) carry out metalworking operations. Windings are made by equally sophisticated systems and are impregnated using the VPI and other specialised processes. Every single Mecc Alte product is subjected to rigorous final trials performed by automatic equipment that memorises data and produces the necessary certification.

After painting and the application of CE and CSA marks, our products are ready to go out into the marketplace-accompanied by the relevant technical and test certificates.

Performance Trials can be carried out on request under the supervision of the relevant certification bodies.

'The highest levels of production standards'

Annual Production

2008:	2009:	2010:	2011:
350610	283350	315009	334606

Portable

2008:	2009:	2010:	2011:*
225692	185607	203574	214443

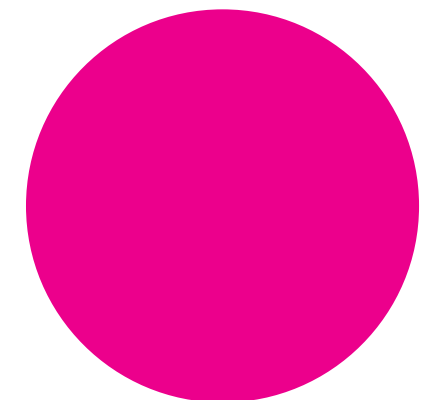
Industrial & Marine

2008:	2009:	2010:	2011:*
114895	89618	103060	111209

Specialised Alternators

2008:	2009:	2010:	2011:*
10023	8125	8375	8954

* Predicted production rates.



*'We make 1400
alternators every day'*

Focusing on

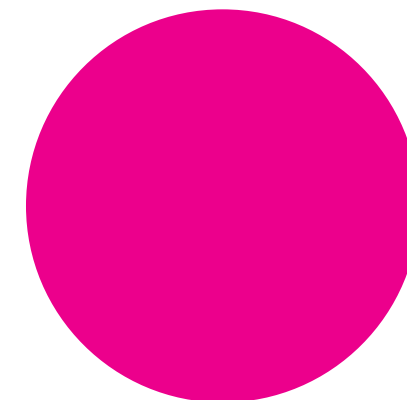
Our Products

We have been highly successful in global markets by offering a wide and diversified range of synchronous alternators that are capable of satisfying and exceeding, customer requirements. This success has been possible due to the inherent flexibility in the design of our standard product.

Today Mecc Alte builds over 1400 alternators every day with a total of over 310,000 units a year. We have the widest range of low-voltage 2-pole and 4-pole alternators and our production process is totally integrated. This ensures that every production phase, from the design and selection of materials through to manufacture and after-sales assistance, complies with the strictest international and organisational standards.

Mecc Alte manufacture over 1400 alternators every day in Italy, the UK, China and India.

A wide and diverse range from small 2-pole alternators to large 4-pole alternators.



Focusing on

Our Brands

The Mecc Alte Group consist of three leading brands which, between them, cover all market sectors. This wide coverage ensures that we can meet the power needs of all of our customers – throughout the world.

Mecc Alte

Industrial & Marine Products

Our main brand – a manufacturer and supplier of synchronous alternators 4 pole from 5kVA through to 3000kVA and 2 pole alternators 5kVA to 2000kVA.

- ▶ 6-3000kVA
- ▶ 1phase brushless – Capacitor for light towers
- ▶ Slipring/Compound in 2 & 4 pole up to 20kVA
- ▶ Brushless compound in 2 & 4 pole to 82kVA with AVR option
- ▶ Brushless AVR in 2 & 4 pole to 2500kVA
- ▶ 400Hz up to 400kVA
- ▶ 6 pole alternators
- ▶ Specialised Technologies
- ▶ Variable Speed
- ▶ Permanent magnet generators
- ▶ Generators for renewable applications (water and wind turbine)

Eurogen

Portable 2 Pole Products 1-15kVA

A company that specialises in the volume manufacturing of small 2 pole portable units 1.2kVA to 15.5kVA.

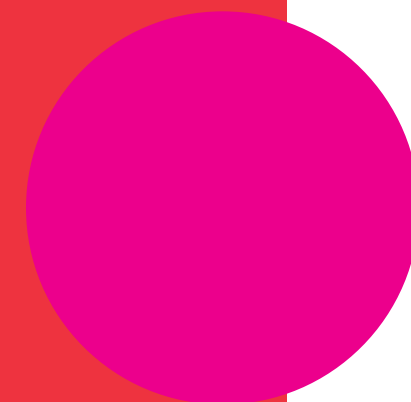
- ▶ 1phase brushless capacitor excited units with optional AVR or Brush + AVR
- ▶ 3phase with slipring compound control or Brush + AVR

Zanardi

Welders & Specialised Products

A factory specialising in customised power solutions making tailor made specialised alternators and welding generators.

- ▶ 2 & 4 pole welding alternators with auxiliary output
- ▶ AC 130-220a and 200-500a DC
- ▶ Special products tailored to meet customers requirements
- ▶ Water-cooled, DC, Lighting, Total-enclosed, Variable speed, Short units
- ▶ Asynchronous alternators
- ▶ Wound component parts
- ▶ Permanent magnet generators



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