TOTALLY COMMITTED TO

SATISFYING YOUR 400Hz REQUIREMENTS

The world’s largest independent producer of alternators 1 – 5,000kVA
Our unique company

We have been totally focused on producing high-quality alternators since we were established in 1947. Today, we have factories or distribution centres in every continent and we're the world's largest independent producer of alternators. Our independence is very important to us and to our customers because we never compete with any of them in the end market (we don't sell complete generator sets). We believe that we're a totally unique company because of the special combination of qualities that set us apart from our competitors. We offer the highest levels of global support to our customers and we put them at the forefront of every single decision we make, which continually spurs us on in terms of our continuous development, product innovation and constantly evolving product ranges.

Totally committed to global production

We manufacture the world's widest range of low-voltage alternators 1 – 5,000kVA via our ‘made for manufacturing’ product design in Italy, the UK, China and India. Our network of factories is supported by wholly-owned subsidiaries across the globe, who specialise locally in the same, distribution and aftersales for all Mecc Alte products. This global support ensures that our customers get the assistance they need, wherever they are.

Totally committed to quality

We've reached the highest possible quality standards in every area of design, production and sales. At Mecc Alte, our constant pursuit of quality begins well before the actual production process with careful checks on semi-processed parts and sample testing of electrical components. We build over 1,400 alternators every day, over 450,000 a year. We have a complete range of products and our production process is totally integrated. This ensures that every production phase from the design to the selection of materials, right through to manufacture and aftersales assistance, complies with the strictest international and organisational standards.

Our unique people

We employ over 1,200 unique people throughout the world. Every one of them is totally committed to the global support that we offer our customers and to ensuring that every single alternator we produce meets the world-class standards that Mecc Alte is renowned for.
### CONSTRUCTION

- **RPM**
  - 45kVA: 3,428rpm
  - 85kVA: 1,150rpm
  - 1848rpm
  - 60kVA: 1,800rpm
  - 13kVA: 2,400rpm
  - 3,428rpm
  - 80kVA: 1,650rpm
  - 75kVA: 2,000rpm
  - 110kVA: 2,400rpm
  - 2,000rpm
  - 150kVA: 1,848rpm
  - 112kVA: 2,400rpm
  - 120kVA: 1,848rpm
  - 1848rpm

### COMPACT DIMENSIONS
- **Type**
  - HCP3-1S/14
  - HCP3-2S/20
  - HCP3-3S/20
  - HCP3-2L/24
  - HCP3-2S/26
  - HCP3-2LN/24
  - HCP3-2SN/24
  - HCP34-1L/20
  - HCP34-2SN/24
  - HCP34-1SN/24
  - HCP34-1S/20
  - HCP32-1S/20
  - HCP32-2L/20
  - HCP32-2L26 A
  - HCP32-1S/20
  - HC038-1L26 A
  - HC038-3S26 A
  - HC038-2S26 A
  - HC038-2L26 A
  - HCP3-3L/14
  - HCP3-2L/14

### RADIO INTERFERENCE SUPPRESSION

- **UVR5-1440DB**
  - A high performance anti-EMI filter suitable for 400Hz machines.
  - Developed by Mecc Alte, it offers superior performance.

### INSULATION AND IMPREGNATION

- **General**
  - Insulation materials used provide a system of insulation in the alternator, ensuring a high level of safety in the electrical circuits.
  - The insulation system ensures high levels of corrosion resistance, ensuring long-term performance.

### PROVEN CAPABILITY

- **Our standard alternators**
  - Mecc Alte's standard alternators meet the highest international standards and are designed for the most demanding applications.
  - They are equipped with advanced features such as: self-regulation, overload protection, and phase sensing capability.

### EXCEPTIONAL EXCITATION

- **Mecc Alte Auxiliary Winding**
  - Suitable for all 400Hz applications, ensuring maximum efficiency and reliability.

### RELIABILITY

- **Standard components**
  - Designed to meet the highest international standards and are designed for the most demanding applications.
  - They are equipped with advanced features such as: self-regulation, overload protection, and phase sensing capability.

### MINIMUM MAINTENANCE

- **Mecc Alte 400Hz alternators**
  - Designed for low maintenance, ensuring a long service life.
  - They are equipped with advanced features such as: self-regulation, overload protection, and phase sensing capability.
OUR QUALITY, SERVICE AND AFTERSALES

We have reached the highest possible quality standards in every area 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 due to a perfect combination of high performance and maximum reliability. That quality is certified by international bodies such as the Canadian Standards Association (CSA), the Underwriters Laboratories (UL) and Det Norske Veritas (DNV) and Bureau Veritas, further supported by our ISO 9001 accreditation from Registro Italiano Navale (RINA). Every quality mark is a guarantee of the rigorous assessment of prototypes and a commitment to continuous audits by external inspectors to monitor product consistency – and product quality. This quality assurance allows us to be proud of our products. Our products are now globally recognised. This high market acceptance has originated from a combination of effective marketing through our sales and distribution network, established training programs for our many customers, and consistently good aftersales service. We are a professional and responsible company, and understand that a good reputation breeds success. We recognise that our reputation depends on continually delivering high standards of support – wherever and whenever it is required. With an extensive global service and aftersales network, you can be assured that your product will be supported anywhere in the world. Our quality is certified by international bodies and is supported by our ISO 9001 accreditation across the whole group. This quality assurance allows us to be proud of our products and gives you peace of mind knowing our alternators are built with the highest possible quality standards.