MEET OUR NEW MEDIUM TO HIGH VOLTAGE ALTERNATORS

Mecc Alte’s Power Products Division integrates the electromechanical experience gained since 1947 to offer a range of quality Medium to High Voltage solutions. Using the latest technologies and materials, our product designs are drawn from market requirements. Working from a blank sheet, we draw on our experience and that of specialists in the field to make a tailor-made range built around our customers’ needs.

Our Medium and High Voltage series is designed to extend our product range and enable customers to select the right product for their power demand, utilising flexible options to upgrade specification according to individual application. This focused ability allows us to design alternators which deliver maximum performance, high efficiencies and improved cost advantages.

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**NEWABILITY**

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**Mecc Alte SpA (HQ)**
Via Romea
36051 Creazzo
Vicenza – ITALY
T: +39 0444 396111
F: +39 0444 396166
E: info@meccalte.it
aftersales@meccalte.it

**United Kingdom**
Mecc Alte Ltd.
6 Lands’ End Way
Oakham
Rutland LE15 6RF
T: +44 (0) 1572 771160
F: +44 (0) 1572 771161
E: info@meccalte.co.uk
aftersales@meccalte.co.uk

**U.S.A. and Canada**
Mecc Alte Inc.
1229 Adams Drive
McHenry, IL, 60051
T: +1 815 344 0530
F: +1 815 344 0535
E: info@meccalte.us
aftersales@meccalte.us

**France**
Mecc Alte International S.A.
2, boulevard A. Volta
37038 Soave
Verona – ITALY
T: +39 045 6173411
F: +39 045 6101880
E: info@meccalte.it
aftersales@meccalte.it

**Spain**
Mecc Alte Gijon S.A.
C/ de Tetuán, 2
33201 Gijon
Gijon – SPAIN
T: +34 (0) 985 401770
F: +34 (0) 985 402947
E: info@meccalte.es
aftersales@meccalte.es

**Germany**
Mecc Alte Generatoren GmbH
Zentrale Siemensstrasse 1
D-51149 Köln
T: +49 (0) 2203 60541-0
F: +49 (0) 2203 60541-49
E: info@meccalte.de
aftersales@meccalte.de

**Australia**
Mecc Alte Alternators Pty Ltd
10 Duncan Road
Parkville, VIC 3005
T: +61 (0) 3 8349 8422
F: +61 (0) 3 8349 8455
E: info@meccalte.com.au
aftersales@meccalte.com.au

**India**
Mecc Alte India PVT LTD
Plot NO: 1, Sanaswadi
Talegaon Dhamdhere Road
Taluka: Shirur
District: Pune – 412208
Maharashtra
T: +91 2137 619600
F: +91 2137 619699
E: info@meccalte.in
aftersales@meccalte.in

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**The world’s largest independent producer of alternators 1 – 5,000kVA**

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Our unique ability inspired us to design finely tuned and powerful Medium to High Voltage solutions using latest materials and technologies. Built for today and tomorrow, without compromise.

**SCALABILITY**
Expanding our Medium and High voltage alternator options so that it’s easier for you to get the power you need.

**CAPABILITY**
We design, engineer and build alternators inhouse. So you get all the information you need direct from the manufacturer and those who know your product best.

**SUSTAINABILITY**
Enhancing performance efficiencies, improving total life cost, driving down energy consumption through medium and higher voltage technologies.

**RELIABILITY**
Using our pedigree and knowledge at component level to offer a proven and robust design combined with efficient installation and enhanced production.

Our global support and local knowledge ensures peace of mind and on the ground service capabilities.

**ACCOUNTABILITY**
Dedicated sales and technical teams to help you choose and specify the right product and accessories, from day one.

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**POWERABILITY**

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**FEATURES**
- From 840kVA to 5000kVA
- Compact design
- 4 poles 1500-1800rpm
- Standard 1CT + 1VT
- Wide terminal box: up to 3CTs(Ph) = 1CT(N) + 3VTs
- Amagnetic side panels
- Standard drip-proof IP23
- SAE 1-0-00 flange
- Single bearing flywheel disc (SAE 14-18-21) or Double bearing – Shaft 110mm
- Axle heights: ECO43 – 400mm, ECO46 – 500mm, ECO47 – 560mm, ECO49 – 630mm
- Regreasable bearings – as standard
- 2x150W replaceable heaters – as standard
- PMG – as standard
- Auxiliary box: USB connection + Digital Automatic Voltage Regulator – as standard
- Ratings based on 40°C and Class H temperature rise
- Anti Condensation Heaters included – as standard
- Stator winding temperature detectors x(P)100s – as standard
- HVi Class H insulation system offering enhanced protection against particle and environmental corrosion

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**MEDIUM TO HIGH VOLTAGE FEATURES**

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**THE MEDIUM TO HIGH VOLTAGE PRODUCT RANGE**