



Mecc Alte’s Power Products Division integrates the electromechanical experience gained since 1947 to offer a range of high 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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ALTERNATORS 1 – 5,000kVA
LOW VOLTAGE | MEDIUM VOLTAGE | HIGH VOLTAGE



MEET OUR NEW MEDIUM
TO HIGH VOLTAGE
ALTERNATORS

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



POWERABILITY

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 chose and specify the right product and accessories, from day one.

MEDIUM TO HIGH VOLTAGE 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

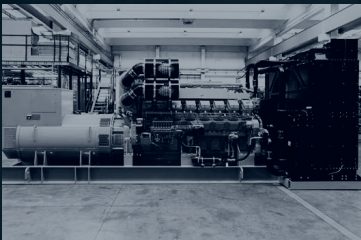
Standard drip-proof IP23

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 6xPT100s - as standard

HVi Class H insulation system offering enhanced protection against particle and environmental corrosion



THE MEDIUM TO HIGH VOLTAGE PRODUCT RANGE

