

























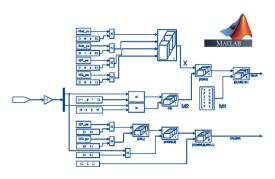


Power Generation is evolving, main power grids demand higher performance from the generator to ride through excursions better.

Complex systems involving multiple power sources including renewable supplies and batteries, demand more capability from the generator systems.

Mecc Alte's new MxK AVR's are designed with this future in mind and aim to bridge the gap between the application and the alternator.





SMART LINE AND LOSS TECHNOLOGY

WHAT IS SMART LAND:
And principle of the March Alba app

Beneficial the March Alba app

Mathematical high order model of synchronous alternator implementing the dynamics in the sub transient, transient and steady state condition (with residual magnetism, saturation and auxiliary winding)

Self stability setting by adaptive and/or auto tuning algorithm

Smart Link Connectivity, a fully integrated Digital CANbus, power management and monitoring in one single platform.

Monitoring, diagnostics, logs and settings with additional external device or software app (i OS and Win) via wired and wireless conectivity.





Test Certificate Available
Test certificate: 2079796

Material: ECP321M4B

Regulator: DSR

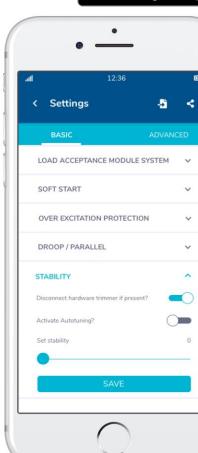
Exploded view

Type of Construction: MD35/3 Flywheel: 11,5

Serial Number: 00000000001948313

SAP Data



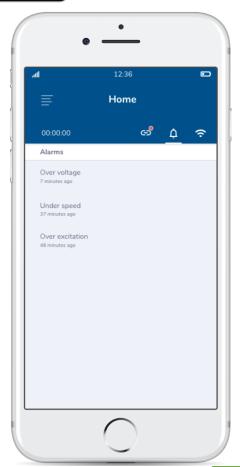








SAE J1939



FEATURES







Full digital control with all functions of DSR or DER



Line to line or line to neutral sensing

Standard (100V) Voltage Transformer compatibility Self stability setting by auto tuning algorithm

Improved control robustness*

Power Supply Overvoltage Protection (Feeding Voltage Limiter)

Board Over temperature Alarm 2 rated frequencies: 50Hz, 60Hz

Maximum operative frequency: 90Hz variable speed applications

2 separate inputs for External Potentiometer and External DC Voltage (±10V)

2 DIP Switch (Auto-Tuning)

60Hz setting input

Up to 118 digital settings (parameters)

Three Phase Sensing

DROOP Setting by additional Potentiometer

Standard C.T. Input

Adjustable digital voltage **DROOP**

Overcurrent alarm on Capability

2 Additional DIP Switch (DROOP and LAMs)

CAN Bus - J1939



High Dynamic Response

USB Embedded

Insulated Active Protection Output (A.P.O.)

