

## AUTOMATIC VOLTAGE REGULATOR AVR 2022

Reference: AVR 2022



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AVR automatic voltage regulator optimized for Brushless motors with maximum service current of 10 A complete with IGBT semiconductor technology.

The newly developed voltage regulator that enables optimal operation of new and old construction brushless alternators with exciter generator, even under the most critical operating conditions.

The AVR 2022 is a state-of-the-art voltage regulator for controlling the excitation of alternators. The unit contains the most advanced microprocessor technology with Insulated Gate Bipolar Transistor (IGBT) semiconductor technology. A convenient and simple display on the unit is used for all control operations. In addition, easy-to-use software facilitates commissioning and allows you to optimize controller operation.

All components of the AVR controller are dipped in resin to ensure precise and safe reliability over time, even in harsh environments and to prevent breakage caused by vibration, all enclosed in a rugged enclosure.

The AVR 2022 regulator is also equipped with insulated terminals for electrical connection and an internal fuse holder complete with an extra-rapid fuse for protection against exciter stator short-circuits.

#### TECHNICAL FEATURES AVR 2022 VOLTAGE REGULATOR

Max. output current for continuous service: 10 A  
Max. output current for 10 seconds: 20 A  
Aux input frequency range: 0÷500 Hz  
Alternator nominal frequency: 50/60 Hz  
Temperature drop during operation: -40°C÷60°C  
Storage temperature range: -40°C÷80°C  
Overall length: 200 mm  
Overall width: 110 mm  
Overall height: 72 mm  
Weight: 1406 gr

Saleable with minimum order of 15 pieces.

Are you looking for an AVR with different technical characteristics? [Here](#) you can find the area dedicated to AVR voltage regulators of specialized brands

Images and technical data are not binding and may be subject to revisions by the manufacturer.

## Technical Sheet

Frequency (Hz)	50 / 60
Maximum output current (A)	20 A
Length (mm)	200
Width (mm)	110
Height (mm)	72
Type of regulator	Voltage
Weight (Kg)	1.4