

# AUSONIA BA0110SWD THREE-PHASE GENERATOR 110KVA



**Product price:**

**16.230,00 € tax excluded**

## **Product description:**

AUSONIA BA0110SWD THREEPHASE GENERATOR 110KVA

AUSONIA BA0110SWD is a threephase generator equipped with a BAUDOIN 4M11G120/5 engine with Diesel power supply, capable of delivering a power of 110KVA.

The AUSONIA BA0110SWD generator is equipped with a prime mover alternator, rated 120 kVA, self-excited and self-regulated, brushless, with electronic voltage regulator, IP 23 mechanical protection, single-support construction form, insulation/over-temperature class H/H.

The BAUDOIN diesel engine type 4M11G120/5 of the AUSONIA BA0110SWD is equipped with supercharged and inter-cooled intake, 4 cylinders in line, water cooling, speed control with electronic management, 12 VDC electric start.

The generator AUSONIA BA0110SWD is equipped with an electric control panel RGK 800 type, mounted inside the fairing described below, with microprocessor management logic programmable by the user, through user-friendly interface, able to automatically intervene the G.E. within a few seconds to the lack of voltage even on a singlephase.

The panel is complete with a microprocessor control panel and a microcontroller.

The panel is complete with:

- Electronic device of last generation for the control and the monitoring of all the parameters that come into play for the management of the generating set.
- Backlit alphanumeric display for the visualization of the following parameters:  
Network concatenated voltage (R-S-T), phasevoltage of the network, group concatenated voltage (U-V-W), group phasevoltage, ammeter on the 3 group phases (U-V-W), network frequency, group frequency, hour meter, battery voltmeter, historical report of the last 10 events.
- Electronic battery charger with automatic cross-over point;
- Oil manometer + water thermometer + fuel tank level indicator with display on the above-



mentioned display;  
- Control circuit and water preheating system protection;  
- RS 485 modbus serial output.

#### TECHNICAL FEATURES AUSONIA BA0110SWD

Continuous output PRP : 110 kVA / 88 kW  
Emergency output LTP : 120 kVA / 96 kW  
Power factor :  $\cos \varphi$  0.8  
Voltage : 400 V  
Frequency : 50 Hz  
Speed : 1500 rpm  
Motor model: BAUDOUIN 4M11G120/5  
Power supply: Diesel  
Number of cylinders / valves: 4 / 8  
Cylinder arrangement: In-line  
Bore x Stroke (mm): 105 x 130  
Displacement (L): 4.5  
Thermodynamic cycle: Diesel 4-stroke  
Cooling system: Liquid (water + 50% antifreeze)  
Injection System: Direct  
Fuel System: Mechanical Pump  
Intake: Supercharged and Post-Cooled  
Compression Ratio: 18 : 1  
Flywheel Housing: SAE 3  
Windwheel: 11.5  
Number of teeth on flywheel crown: 131  
Flywheel inertia (kg/m<sup>2</sup>): 0.9  
Drive shaft inertia (kg/m<sup>2</sup>): 0.126  
Emission standards: N/A  
Acoustic power(dB(A)): 108. 6  
Length(mm): 2800  
Width(mm): 1150  
Height(mm): 1600  
Dry weight (kg): 1880

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

#### Product features:



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Phase: Three phase  
Maximum power three phase (KW): 96  
Continuous power three phase (KW): 88  
Maximum power three phase (KVA): 120  
Continuous power three phase (KVA): 110  
Fuel: Diesel  
Frequency (Hz): 50  
Voltage (V): 230 / 400  
Engine: BAUDOUIN 4M11G120/5 4 tempi  
Emissions Regulations: non emissionato  
Engine rpm (rpm): 1500  
Speed governor: Electronic  
Starting system: Electric  
Engine capacity (cm<sup>3</sup>): 4500  
Number cylinders: 4  
Cylinders' position: In line  
Cooling: Liquid  
Poles: 4  
Protection degree: IP23  
Motor insulation class: H  
Consumption (L/h): 17.4 al 75% del carico  
Acoustic power: 108.6 dB (A)  
Length (mm): 2800  
Width (mm): 1150  
Height (mm): 1600  
Dry weight (Kg): 1880