



## AUSONIA PE0800SWD THREE-PHASE GENERATOR 800KVA

Reference: PE0800SWD

### AUSONIA PE0800SWD THREE-PHASE GENERATOR 800KVA

AUSONIA PE0800SWD is a three-phase generator equipped with PERKINS 4006-23 TAG3A engine with Diesel power supply, capable of delivering a continuous power of 800KVA.

The AUSONIA PERKINS 4006-23 TAG3A generator is equipped with a Marelli alternator model [MJB 355 MB4](#), rated 800 kVA, self-excited and self-regulated, brushless, with electronic voltage regulator, IP 23 mechanical protection, single bearing design, insulation/temperature class H/H.

The PERKINS 4006-23 TAG3A diesel engine of the AUSONIA PE0800SWD is equipped with supercharged and inter-cooled intake, 6 cylinders in line, water cooling, speed control with electronic management, electric start.

The generator AUSONIA PE0800SWD is equipped with an electric control panel of our type DSE 7310/20 MKII, mounted inside the fairing described below, with microprocessor management logic programmable by the user, through user-friendly interface, capable of automatically intervene the G.E. within a few seconds in the absence of the mains voltage even on a single phase.

#### TECHNICAL FEATURES AUSONIA BA0110SWD

Continuous power PRP : 800 kVA / 640 kW

Emergency power LTP : 880 kVA / 704 kW

Power factor : cos  $\phi$  0.8

Voltage : 230 / 400 V

Frequency : 50 Hz

Speed : 1500 rpm

Motor model : PERKINS 4006-23 TAG3A

Power supply : Diesel

Number of cylinders: 6

Bore x Stroke (mm): 160 x 190

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: 13.6 : 1

Emission Standards: N/A

Acoustic Power: 108 dB(A)

Length(mm): 6000

Width (mm): 2180

Height (mm): 2400

Dry Weight (kg): 7180

Are you looking for a generator with different characteristics? [Here](#) you can find the whole range AUSONIA or other specialized brands

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

## Technical Sheet

Phase	Three phase
Maximum power three phase (KW)	704
Continuous power three phase (KW)	640
Maximum power three phase (KVA)	880
Continuous power three phase (KVA)	800
Fuel	Diesel
Frequency (Hz)	50
Voltage (V)	230 / 400
Engine	PERKINS 4006-23 TAG3A
Emissions Regulations	non emissionato
Engine rpm (rpm)	1500
Speed governor	Electronic
Starting system	Electric
Number cylinders	4
Cylinders' position	In line
Cooling	Coolant Liquid
Poles	4
Protection degree	IP23
Motor insulation class	H
Consumption (L/h)	130 al 75% del carico
Acoustic power	108.6 dB (A)
Length (mm)	6000
Width (mm)	2180
Height (mm)	2400
Dry weight (Kg)	7180