



## 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                  |