



## TESSARI SINGLE PHASE DIESEL GENERATOR 11 KVA 8.8 KW AUTOMATIC SWITCHBOARD

Reference: TESSARI GE MANUALE 11KVA

N.1 SERIES of elastic supports placed between motor/alternator and base.  
 N.1 BASED in welded and painted steel on which the engine and alternator are mounted and connected in single support coupling, with lamellar joint.  
 N.1 Fuel tank with key cap, incorporated in the base of the capacity of 50 lt., It is included the leakage containment basin.

ISO 9001  
 CERTIFIED  
 No. 50 100 6658

N.1 INSONORIZED CABIN for outdoor use In steel, painted with epoxy powders RAL5015, to guarantee an optimal resistance to corrosion. Fire-resistant soundproofing material with high noise reduction.  
 Excellent accessibility for ordinary and extraordinary maintenance through robust access doors. lockable. Residential silencer muffler that cuts 35db.  
 N.1 SILENCED HOSE for exhaust gases, RESIDENTIAL type, mounted inside the cabin, with a reduction value from free discharge to muffler inserted of about 35 db.  
 N.1 SERIES of maintenance-free lead-acid batteries (mounted on the group) for starting the motor with electrolyte supplied separately.  
 AUTOMATIC ELECTRIC FRAMEWORK WITH mains/group switching  
 Automatic control and command logic complete with PLC that allows the visualization and programming of all electrical parameters.  
 Circuit breaker 4-pole primary brand of adequate capacity.  
 Easily settable perioda test system. Battery charge maintainer(s).  
 Power and command output terminal block. Wiring diagrams for easy and correct installation.

### Technical Sheet

|                                     |              |
|-------------------------------------|--------------|
| Phase                               | Single phase |
| Maximum power single phase (KW)     | 8.8          |
| Continuous power single phase (KW)  | 8            |
| Maximum power single phase (KVA)    | 11           |
| Continuous power single phase (KVA) | 10           |
| Fuel                                | Diesel       |
| Frequency (Hz)                      | 50           |

|                                    |                         |
|------------------------------------|-------------------------|
| Voltage (V)                        | 230                     |
| Engine                             | 403A-11G                |
| Engine rpm (rpm)                   | 1500                    |
| Speed governor                     | Mechanical              |
| Starting system                    | Electric 12 Vcc         |
| Engine capacity (cm <sup>3</sup> ) | 1131                    |
| Number cylinders                   | 3                       |
| Cylinders' position                | In line                 |
| Cooling                            | Water                   |
| Alternator                         | Synchronous             |
| Poles                              | 4                       |
| Fuel tank capacity (L)             | 50                      |
| Consumption (L/h)                  | 2.3 at 75% of the load  |
| Running time (h)                   | 21.5 at 75% of the load |
| Length (mm)                        | 1600                    |
| Width (mm)                         | 700                     |
| Height (mm)                        | 1050                    |
| Dry weight (Kg)                    | 420                     |
| Silenced                           | Yes                     |
| ATS Switch device                  | ATS Included            |
| Type of alternator                 | Constant Speed          |
| Voltage regulator                  | Capacitor               |
| Engine manufacturer                | Perkins                 |