



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

## Product description:

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.





**Product features:**

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 : Yes  
Type of alternator: Constant Speed  
Voltage regulator: Capacitor  
Engine manufacturer: Perkins

