



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 ³)	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