



GENMAC DUPLEX G20YO

Generating set 20 KVA 16 KW Open Automatic

Product description:

GENMAC DUPLEX G20YO Generating set 20 KVA 16 KW Open Automatic

Open generator with the following structural characteristics:

Frame:

- Made of high quality steel UNI S235 JR with welded base
- Highly resistant vibration dampers between engine, alternator and crankcase
- Tank with drain for emptying
- Dedicated cable entry area for load connection
- Fuel loading niche
- Feet and four lifting rings fixed to the base

Framework:

- Metal square, with rear closing case
- Dedicated cable entry area for load connection

All machines and components are tested in prototyping, construction and production. A special control procedure during the various stages of production ensures long life and reliability.

QFIA-4520

Protective flap

Thermal-magnetic circuit breaker

Automatic Control Unit DSE4520

- Voltmeter, Frequency Meter, Ammeter
- Reading Generator power (kW, kV Ar, kV A & pf)
- Hour counter
- Fuel tool
- Overload protection (kW & kV Ar)
- Low oil pressure protection
- High refrigerant temperature protection
- Low fuel level protection





- Alternator battery charger failure
 - Overrunning protections
- Emergency Stop button
Terminal block for connection Automatic Framework
Battery Charger
On/off switch

Technical features GENMAC DUPLEX G20YO-E3

Power supply: Diesel
Continuous power PRP (kVA): 18
Continuous power PRP (kW): 14
LTP stand-by power (kVA) 20
Stand-by power LTP (kW) 16
Power factor cos ϕ : 0.8
Phase type: three-phase
VAC voltage: 400/230 V
Frequency (Hz): 50
PRP/LTP amps: 26 / 28 A
Voltage regulator: AVR
Automatic Control Unit QFIA-4520
RPM: 1500
Length (mm): 1400
Width (mm) 660
Height (mm): 1360
Net weight (kg): 430

Non-binding images and technical information.

Product features:

Phase: Three phase
Maximum power three phase (KW): 16
Continuous power three phase (KW): 14
Maximum power three phase (KVA): 20
Continuous power three phase (KVA): 18
Fuel: Diesel
Frequency (Hz): 50
Voltage (V): 230 / 400
Engine: 3TNV88-GMG



Engine rpm (rpm): 1500
Speed governor: Mechanical
Starting system: Electric
Engine capacity (cm³): 2190
Number cylinders: 4
Oil capacity (L): 6.7
Cooling: Coolant Liquid
Poles: 4
Tank capacity (L): 100
Consumption (L/h): 2.7 at 75% of the load
Running time (h): 37
Length (mm): 1400
Width (mm): 660
Height (mm): 1360
Dry weight (Kg): 430
ATS Switch device : Optional
Voltage regulator: AVR
Engine manufacturer: Yanmar