



GENERATOR 36KVA THREE-PHASE SUPER SILENT AVR

Reference: FR36KVA

GENERATOR 36KVA THREE-PHASE SUPER SILENT

The generator three-phase is equipped with Yangdong Y4102D diesel-powered engine, capable of delivering a power of 36KVA complete with **AVR voltage regulator** and automatic control panel.

This generator equipped with **electric, manual or automatic start** with 12 V battery, and is; equipped with **DSE4520MKII** control unit which allows you to view all the electrical parameters of the engine and generator, the functions, the status of the generating set, manage the entire group and view, if any, the system errors or alarms. The group has low fuel consumption, in fact it consumes only 6 litres/hour at 75% of the load, combined with a large tank of 65 l capacity; maximum, it will give you; an autonomy of approximately 10.8 hours.

This groupset is equipped with a soundproofed cabin, made of 20/10 thick carbon steel, folded and electro-welded, with IP23 protection class and which can be opened in two sections. This cabin allows an incredible reduction of noise pollution, to the point of making it **supersilenced**. The generator set guarantees efficient and silent operation thanks to the Yangdong Y4102D engine, which allows to deliver a maximum power of 36KVA.

AVR voltage regulator

An Automatic Voltage Regulator (AVR) is a must have. an electronic device that controls the output voltage of an alternating current (AC) generator to keep the voltage constant. Its main purpose is; that of preventing the output voltage of the generator from increasing or decreasing too much, guaranteeing a constant voltage for the electrical devices that are powered by the generator.

The AVR works by sensing the generator output voltage and then adjusting the generator field current to maintain the desired output voltage. As the output voltage decreases, the AVR increases the generator field current to raise the output voltage. Conversely, as the output voltage increases, the AVR decreases the generator field current to decrease the output voltage.

TECHNICAL FEATURES:

Phase type: Three-phase
Continuous power: 33 KVA / 26 KW
Maximum power: 36 KVA / 29 KW
Motor: Yangdong Y4102D
Power supply: Diesel
Engine speed: 1500 rpm
Regulation of revolutions: Mechanical
Emissions standard: Stage Zero
Control unit: DSE4520MKII
Battery charger: Included

Starter: Electric / Automatic
 Voltage regulator: AVR SX460
 Voltage: 400 V
 Frequency: 50 Hz
 Socket panel: Terminal block
 Capacity: tank: 65 l
 Consumption at 75% of the load: 6 l/h
 Autonomy at 75% of the load: 10.8 h
 Acoustic pressure: 70 dB(A) @ 7 m
 Length: 2050 mm
 Width: 750 mm
 Height: 1100 mm
 Net Weight: 990 kg

Are you looking for a generator set with different technical characteristics? [HERE](#) you can find the area dedicated to generating sets of specialized brands.

Images and non-binding technical data.

Technical Sheet

Phase	Three phase
Maximum power three phase (KW)	29
Continuous power three phase (KW)	26
Maximum power three phase (KVA)	36
Continuous power three phase (KVA)	33
Fuel	Diesel
Frequency (Hz)	50
Voltage (V)	400
Engine	Yangdong Y4102D
Emissions Regulations	Stage Zero
Engine rpm (rpm)	1500
Speed governor	Mechanical
Starting system	Electric / Automatic
Engine capacity (cm ³)	
Number cylinders	4
Cylinders' position	In line
Fuel tank capacity (L)	65
Consumption (L/h)	6 at 75% of load
Running time (h)	10.8 at 75% of load
Acoustic pressure	70 dB(A) at 7 m
Length (mm)	2050
Width (mm)	750

Height (mm)	110
Dry weight (Kg)	990
Silenced	Yes
Super silenced	Yes
ATS Switch device	No ATS
Voltage regulator	AVR
Engine manufacturer	Yangdong
Power factor control	0.8
