

## FIRMAN SDG20FS GENERATOR 22KVA THREE-PHASE SUPER SILENT



Reference: SDG20FS

### FIRMAN SDG20FS GENERATOR 22KVA THREE-PHASE SUPER SILENT

Generator FIRMAN SDG20FS is equipped with a FIRMAN FD490DY diesel-powered engine, capable of delivering a power of 22KVA complete with a **Compound voltage regulator** and automatic control panel.

This generator is equipped with **electric, manual or automatic start** with a 12 V battery, and is equipped with a **FIRMAN HGM4020N control unit** which allows you to view all the electrical parameters of the engine and generator, of the functions, status of the generating set, managing the entire group and displaying, if any, system errors or alarms. The group has low fuel consumption, in fact it consumes only 5.6 litres/hour at 75% of the load, combined with a large tank of 47 liters of maximum capacity, it will give you an autonomy of about 8.5 hours.

This Generator is equipped with a soundproofed cabin, made of 20/10 thick carbon steel, folded and electro-welded, with protection class IP23 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 FIRMAN FD490DY engine, which allows for the delivery of a maximum power of 22KVA.

#### TECHNICAL FEATURES FIRMAN SDG20FS:

Phase type: Three-phase  
Continuous power: 20 KVA / 16 KW  
Maximum power: 22 KVA / 18 KW  
Engine: FIRMAN FD490DY  
Power supply: Diesel  
Engine speed: 1500 rpm  
Regulation of revolutions: Mechanical  
Emissions standard: Stage Zero  
Starter: Electric  
Voltage regulator: Compound  
Voltage: 400 V  
Frequency: 50 Hz  
Socket panel: Terminal block  
Tank capacity: 47 l  
Consumption at 75% of the load: 5.64 l/h  
Autonomy at 75% of the load : 8.33 h  
Length: 1750 mm  
Width: 730 mm  
Height: 980 mm  
Net weight: 635 kg

Are you looking for a generator set with different technical characteristics? [HERE](#) you can find the area dedicated to FIRMAN

generator sets or other specialized brands.

Non-binding images and technical data.

## Technical Sheet

Phase	Three phase
Maximum power three phase (KW)	18
Continuous power three phase (KW)	16
Maximum power three phase (KVA)	22
Continuous power three phase (KVA)	20
Fuel	Diesel
Frequency (Hz)	50
Voltage (V)	400
Engine	FIRMAN FD490DY
Emissions Regulations	Stage Zero
Engine rpm (rpm)	1500
Speed governor	Mechanical
Starting system	Electric
Number cylinders	4
Cylinders' position	In line
Fuel tank capacity (L)	47
Consumption (L/h)	5.64 at 75% of load
Running time (h)	8.33 at 75% of load
Length (mm)	1750
Width (mm)	730
Height (mm)	980
Dry weight (Kg)	635
Silenced	Yes
Super silenced	Yes
ATS Switch device	No ATS
Voltage regulator	Compound
Engine manufacturer	FIRMAN