



## VISA FOX P21 GENERATOR SILENCED THREE-PHASE 22KVA STAGEV AVR

Reference: P 21 FOX EUV

### VISA FOX P21 SILENCED THREE-PHASE 22KVA GENERATOR STAGEV AVR

The VISA FOX P21 Three-phase generator is equipped with a PERKINS 404J-22G StageV diesel-supplied engine and is capable of delivering a maximum power of 22KVA, complete with AVR voltage regulator.

The VISA FOX P21 is compact and easy to use, with a canopy with sound-absorbing panels that significantly lower noise emissions and makes it **super-silenced**.

The generator is composed of a STAMFORD S0L2-G alternator with AVR voltage regulator that allows it to be used even with equipment sensitive to current surges.

The AVR is a device that allows you to **keep the output more constant and less dependent on the load**. Thanks to this card there are fewer drops or peaks in current and this makes the use of the various connected devices safer, improving their performance and duration.

The VISA FOX P21 is equipped with electric start and low fuel consumption, in fact it consumes only 4 liters / hour at 75% of the load for an autonomy of up to 12 hours of operation. The VISA FOX P21 guarantees efficient and silent operation thanks to the PERKINS 404J-22G StageV engine, which allows to deliver a maximum power of 22KVA. In addition, it is equipped with automatic starting via the ATS panel, which allows it to be switched on automatically in the event of a blackout.

### STAGEV EMISSIONS REGULATION

The generator is equipped with a "mobile" STAGEV motorization, as required by the European Regulation 2016/1628. These new engines make it possible to exponentially reduce the emissions of particulate matter and nitrogen oxides delivered by the generator into the environment, and ensure a reduction in the environmental impact of 200% compared to standard engines.

### AUTOMATIC STARTING PANEL ATS

The VISA FOX P21 is designed for connection with an ATS automatic starting panel. Thanks to which you will no longer have to worry about blackouts because if it goes off the power grid this panel is able to automatically start the group and will allow you to continue your business without losing your work data.

#### TECHNICAL FEATURES VISA FOX P21

Continuous power (PRP): 20.0 (kVA)  
Continuous power (PRP): 16.0 (kW)  
Stand-by power (LTP): 22.0 (kVA)  
Stand-by power (LTP): 17.6 (kW)  
Voltage: 400V

Frequency: 50Hz  
Power factor: 0.8 cos?

#### MOTOR DATA.

Motor brand: PERKINS  
Engine model: 404J-22G  
Number of cylinders: 4  
RPM: 1,500 r.p.m.  
Displacement: 2.22 l  
Aspiration: Aspirated  
Standard voltage: 12 Vdc  
Optional voltage: Vdc  
Sae: 4-7"  
Effective average pressure: 671 kPa  
Cooling: Water  
R.P.P. power at flywheel: 18.5 kW  
Stand-by power at flywheel: 20.5 kW  
Consumption at 100% (L.T.P.): 6.4 l/h  
Consumption at 100% (P.R.P.): 5.6 l/h  
Consumption at 75% (R.T.P.): 4.0 l/h  
Consumption at 50% (P.R.P.): 2.2 l/h  
Consumption at 25% (P.R.P.): 0.7 l/h  
Electronic regulator: Not available  
Lubricant Qty: 10.6 l  
Engine antifreeze capacity: 7.0 l  
Radiator type: Tropical  
Heat from radiator: 15.2 kW  
Exhaust data: 12.6 kW  
Heat radiated: 2.9 kW  
Flue gas temperature: 490 °C  
Cooling air flow rate: 60.00 m<sup>3</sup>/min  
Combustion air flow rate: 2.00 m<sup>3</sup>/min  
Flue gas flow rate: 3.64 m<sup>3</sup>/min  
TA Luft: Not available  
TA Luft/2: Not available  
EPA: Not available  
Stage: Stage 5

#### ALTERNATOR

Alternator Brand: STAMFORD  
Alternator Model: S0L2-G  
PRP power: 20.0 kVA  
LTP power: 22.0 kVA  
Connection Type: Star Series  
Number of phases: 3P+N  
Winding: 12 terminals  
Winding: 311  
Number of terminals: 12 nr.  
Protection: IP 23  
Electronic controller: AS540  
Accuracy: 1.0 ± %

#### FRAME

Standard tank: 50 l  
Optional tank: 600 l  
Out-of-gauge tank: 0 l

## CABIN AND SILENCER

Silencer model: F50/02  
 Silencer outlet diameter: 50.0 mm

## DIMENSIONS AND WEIGHT

Width: 770 mm  
 Length: 1660 mm  
 Height: 1330 mm  
 Weight: 680 kg

Are you looking for a product with different technical characteristics? [HERE](#) you can find the full range of VISA generators and other specialized brands.

Images and technical data are not binding. Please always consult the technical data sheet issued by the manufacturer. Manel Service accepts no liability for any changes made by the manufacturer.

## Technical Sheet

Phase	Three phase
Maximum power three phase (KW)	17.6
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
Sockets configuration	Terminal box
Engine	PERKINS 404J-22G
Emissions Regulations	Stage 5
Engine rpm (rpm)	1500
Speed governor	Mechanical
Starting system	Electric / Automatic
Cooling	Water
Alternator	STAMFORD S0L2-G
Poles	4
Fuel tank capacity (L)	50
Consumption (L/h)	4 at 75% load
Running time (h)	12.5 at 75% of the load
Length (mm)	1660

Width (mm)	770
Height (mm)	1330
Dry weight (Kg)	680
Silenced	Yes
Super silenced	Yes
Product type	Generator
ATS Switch device	Optional ATS
Voltage regulator	AVR
Engine manufacturer	Perkins