



Power generator

F 12000 iSG

Item no. 33817

Features

- Stable frequency of 50 Hz
- Inverter technology
- Voltage stabilisation $\pm 1\%$
- Low THD $\leq 3\%$
- Ultra-quiet 95 dB(A)
- Only 105 kg
- Ready for operation in automatic and manual mode
- Dual Fuel - can run on petrol (PB) or gas (LPG)
- Fuel saving through automatic speed reduction as the load decreases
- Full generator power output from a single 32A socket
- Electric start

Technical parameters

Fuel Frequency	Petrol	Gas
Voltage	50 Hz	
Maximum power	400 / 230 V	
Rated power	11.8 V / 9.5 kW	10.7 V / 8.6 kW
Rated current	11.1 V / 9.0 kW	10.1 V / 8.1 kW
	16 A / 16.5 A	15.5 V / 35.0 kW

Engine	Rato	
Model	R 500DN-Vi	
Capacity	500 cm ³	
Cylinders	Air 1	
Stroke	4	
Oil pan	1.2	
Start Tank	Manual + starter 33 L11 kg	
Combustion (power	2.4 / 5.5 l/h	1.6 / 2.9 kg/h
50/100%) Noise Level	95 dB(A)	
Weight	105 kg	
Length	848 mm	
Width	645 mm	
Height	710 mm	

* standard gas cylinder

Standard equipment

- 1 x 230 V 16 A socket
- 1 x 230 V 32 A socket
- 1 socket 400 V 16 A
- USB socket
- Overload indicator
- Voltage (V), frequency (Hz), operating time (H), power (%) indicator
- Electronic overload protection
- Low oil level indicator light
- Transport kit
- Starter battery
- Connection for automation with SZR system
- Hose with reducer

Optional and service equipment

- Exhaust hose adapter
- Automatic control system with SZR circuit
- Exhaust hose
- Hose with reducer
- Heating belt for cylinders below 10°C
- Service package (air filter, spark plug, engine oil)

Standards and Directives

- **2000/14/EC**
Noise Emission Directive with amendment 2005/88/EC
- **2006/42/EC**
Machinery Directive
- **2014/35/EU**
Low Voltage Directive
- **2014/30/EU**
Electromagnetic Compatibility Directive