



# ENDRESS

## Power Generators

### ESE 1008 HG ES ISO DI DUPLEX Silent

Order No. **1130411**

#### Main features

Alternator type	<b>DUPLEX</b>
Max. Output 1~ [kVA/kW]	11.0/9.9
Continuous Power 1~ [kVA/kW]	10.0/9.0
Nominal voltage [V]	230
Nominal Current [A]	43,5
Power factor cos (phi)	0,9
Frequency [Hz]	50
Protection Class [IP]	54

#### Engine

Engine Type	HATZ 2G 40 / 20 HP
Design	2-cylinder 4-stroke
Displacement [ccm]	997
Output 3000 rpm	15,4
CO2 emissions [g / kWh]	806,73
CO2 test procedure	NRSC-D2
Fuel	Diesel
Fuel tank capacity [l]	46
Fuel consumption @ 75% PRP [L/h]	2,3
Running time @ 75% PRP	16,4
Starting system	E-Start incl. battery
Sound power level LWA [db(A)]	95
Sound pressure level LPA (7 m) [db(A)]	70
Weight in kg ca.	310
Dimensions L x W x H [mm]	1100 x 700 x 870
Shockproof sockets	3 x 230 V/16 A 1 x CEE 230 V/16 A 1 x CEE 230 V/32 A

This CO2 measurement results from testing over a fixed test cycle under laboratory conditions a(n) (parent) engine representative of the engine type (engine family) and shall not imply or express any guarantee of the performance of a particular engine'.

Power ratings according to ISO 8528-1: 2005

Technical data and illustrations are not binding. We assume no liability for misprints.

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**Advantages at a glance**

- Conforms with the requirements of DGUV Information 203-032
- Protection Class IP 54 — protected from dust and spray
- Brushless, electronically regulated synchronous alternator
- Voltage stability +/- 1% with 3~ alternators
- Brushless technology - therefore 20,000 operating hours
- 200% Suitable for balanced load in actual operation
- Combines and strengthens the advantages of asynchronous and synchronous generators
- Simultaneous use by electronic and inductive appliances

➔ DUPLEX - the advantages at a glance

**Equipment features**

- Compact dimensions - fits to a Euro pallet
- Lack of oil automatic switch-off
- Large tank 46 litres
- Noise insulating housing for low operating noises
- Starter battery 12 V
- Alternator overload protection
- Crane loading capability
- Hatz diesel engines
- Incl. insulation monitoring according to VDE 0100-551 2017.02

**Possible applications\***

Possible applications*	230V
Possible areas of application*	230V
Electronic consumers up to	9000W
Electric tools up to	8900W
Gardening or construction equipment up to	6000W
Compressors or pumps up to	4500W
Inverter welding equipment up to a dia. of 4.50 mm	
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**Special equipment - not retrofittable**

Special equipment - not retrofittable	Order No.
Wireless remote control	162 015
Cable remote control (50 m)	162 016
Connection for external fuel tank	162 025
➔ ECOtronic System	162 201
E-ATS 400V - Automatic Transfer Switch	162 320
➔ E-RMA SIM (Only in connection with ATS)	<b>342 220</b>
➔ E-RMA LAN (Only in connection with ATS)	<b>342 221</b>
➔ E-RMA Websupervisor annual fee	<b>342 222</b>

**Accessories**

Accessories	Order No.
Wheel kit	<b>161 034</b>
Exhaust hose (1.5 m)	<b>163 120</b>
90° Adapter for Exhaust hose	<b>163 130</b>
Maintenance kit	<b>164 035</b>
Chassis FG 75 ST Drawbar rigid	<b>341 116</b>
Chassis FG 75 HV height adjustable	<b>341 117</b>

garantía alguna ni implícita ni expresa del rendimiento de un motor concreto.

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