



# ENDRESS

## Power Generators

### ESE 406 HG-GT ISO DUPLEX

Order No. **1135521**

#### Main features

Alternator type	<b>DUPLEX</b>
Max. Output 1~ [kVA/kW]	4.4/4.4
Continuous Power 1~ [kVA/kW]	4.0/4.0
Nominal voltage [V]	230
Nominal Current [A]	17,4
Power factor cos (phi)	1
Frequency [Hz]	50
Protection Class [IP]	54

#### Engine

Engine Type	HONDA GX 270 / 8 HP
Design	1-cylinder 4-stroke OHV
Displacement [ccm]	270
Output 3000 rpm	4,6
CO2 emissions [g / kWh]	762
CO2 test procedure	k.A
Fuel	Petrol
Fuel tank capacity [l]	33
Fuel consumption @ 75% PRP [L/h]	1,5
Running time @ 75% PRP	22
Starting system	Recoil starter
Sound power level LWA [db(A)]	95
Sound pressure level LPA (7 m) [db(A)]	70
Weight in kg ca.	94
Dimensions L x W x H [mm]	780 x 550 x 595
Shockproof sockets	2 x 230 V/16 A 1 x CEE 230 V/16 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.

2024-4-26

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**Advantages at a glance**

- ➔ DUPLEXPLUS - the advantages at a glance
- Conforms with the requirements of DGUV Information 203-032
- Operating costs are lowered
- Reduction of the pollutant emissions
- Significantly reduced noise emissions
- Up to 30% less fuel consumption
- 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

**Equipment features**

- ➔ Incl. insulation monitoring according to VDE 0100-551 2017.02
- ➔ ECOtronic system (nor required for version IT-TN)
- Honda OHV engines
- 3 in 1 display = V/Hz/h
- Fuel tank level indicator
- Lack of oil automatic switch-off
- Alternator overload protection
- Folding handles
- integrated crane mount
- Control panel with Protection Class IP 54
- A slide compartment for the short operating instructions and a tool is integrated directly under the tank

**Possible applications\***

	<b>230V</b>
Possible areas of application*	230V
Electronic devices up to	4000W
Electric tools up to	3900W
Gardening or construction equipment up to	2700W
Compressors or pumps up to	2000W
Inverter welding equipment up to 2.50 mm	

**Special equipment - not retrofittable**

	Order No.
RCD protection switch incl. earthing kit	162 009
Exhaust hose (1.5 m)	162 333
➔ IT-TN change over system with a mains supply socket (ECOtronic system not applicable)	162 045
RCD type B	163 203

**Accessories**

	Order No.
Wheel kit	<b>161 024</b>
Maintenance kit	<b>164 029</b>

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