



Power Generators

ESE 406 HG-GT ISO DUPLEX

Order No. 113552I

Main features	
Alternator type	DUPLEX
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

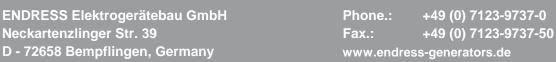
Engine	
Engine Type	HONDA GX 270 / 8 HP
Design	1-cylinder 4-stroke OHV
Displacement [ccm]	270
Output 3000 rpm	4,6
CO2 emissions [g / kWh]	762
CO2 test procedure	k.A
Fuel	Petrol
Fuel tank capacity [I]	33
Fuel consumption @ 75% PRP [L/h]	1,5
Running time @ 75% PRP	22
Starting system	Recoil starter
Sound 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*	230V
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 appli 162 045	
	RCD type B	163 203

Accessories	Order No.
Wheel kit	161 024
Maintenance kit	164 029

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