




DGH 8000 P


Professional Portable Range



Ideal for...



 **Weight without wheels:**
82 kg

 **Dimensions without wheels:**
L: 820 mm
W: 560 mm
H: 532 mm

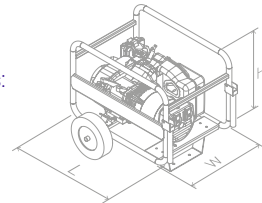


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 Unleaded gasoline

 EU Stage V

 Air cooled

 Static frame

 CE Conformity

1. General technical data

General technical data	Engine	HONDA GX 390
	Alternator	LINZ E1C10M I
	Frequency	50Hz
	Voltage	230V
	Work regime (rpm)	3000
	Power factor (cos φ)	1
	Tank (l)	15
	Type of start-up	Manual ⁹⁷

Power ¹ (m.p. cos φ 1)	PRP (kVA / kW)	7 / 7
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¹PRP: Continuous power ("Prime Power") according to ISO8528-1.

Directives and Regulations

ENVIRONMENTAL CONDITIONS STANDARD ISO 8528-1:2018: 25°C, 100kPa and 30% relative humidity:

- **Prime Power (PRP):** Data on electrical power available at variable load without limit of hours per year. An overload of 10% is allowed for 1h out of 12. According to ISO 8528-1:2018.
- **Emergency Standby Power (ESP):** Data on electrical capacity available at variable load in case of emergency according to ISO 8528-1:2018.

The DAGARTECH Generator Set has EC labelling which includes the following directives:

- **2006/42/EC.** Machine Safety Directive.
- **EN ISO 8528-13:2016. Part 13: Safety.** Alternating current generator sets powered by reciprocating internal combustion engines.
- **2014/30/EU. Electromagnetic Compatibility Directive.**
- **2000/14/EC². Noise Emissions Directive.** Sound power levels evaluated in accordance with the procedure laid down in the directive.
- **Directive 2011/65/EU** on the restriction of the use of certain hazardous substances in electrical and electronic equipment (RoHS 2).



The transportation kit and differential protection are optional and are not included in this unit's standard scope of supply.

2. Engine specifications

2.1. General technical data of the engine	Make and model	HONDA GX 390			
	r.p.m.	3000			
	Continuous power - 3000 rpm (kW)	8,2			
	Fuel	Unleaded gasoline			
	Number of cylinders	1 cylinder			
	Cylinder capacity (c.c.)	390			
	Compression ratio	8,2:1			
	Maximum torque (Nm)	25,1 (2500 r.p.m.)			
	Cooling system	8,2:1			
	Start-up	Manual			
2.2. Fuel	Type of fuel	Unleaded gasoline			
	Tank capacity (l)	15			
2.3. Consumption and autonomy	Consumption (l/h)	Autonomy (h)			
		PRP	ESP	PRP	ESP
	75%	1,8	-	8,3	-
	100%	2,4	-	6,3	-
2.4. Lubrication system	Total oil capacity (l)	1,1			
	Oil type	15W40			

- **4-stroke Gasoline Engine.**
- Air cooling.


 Emissions compliance
EU Stage V

3. Alternator specifications

3.1. General technical data for the alternator	Make and model	LINZ E1C10M I		
	Number of poles	2		
	Insulation class	H		
	Mechanical protection index	IP23		
	Voltage regulator	Compound		
	Power PRP 40°C (kVA)	7		
	No. of phases	1		
	Power factor (cos φ)	1		

Standard regulations that the alternator meets:

Directives: 2006/42, 2006/95, 2004/108 and amendments thereto. Complies with: EN 60034-1, CEI 2-3, IEC34-1, VDE 0530, BS 4999-5000, N.F. 51,111.

- **Brushless 2-pole alternator.** No maintenance required.
- **Winding protection** by impregnation with tropicalised epoxy resin.

4. Power sockets configuration

Modelo	IP44	CEE IP44	CEE IP44	CEE IP44
	Schuko	2P+T 32A	3P+N+T 16A	3P+N+T 32A
DGH 5000 P	2	-	-	-
DGH 6000 P	1	1	-	-
DGH 8000 P	1	1	-	-
DGH 9000 P	1	1	-	-
DGH 6 TF P	1	-	1	-
DGH 8 TF P	1	-	1	-
DGH 9 TF P	1	-	1	-

5. Standard scope of supply of the Professional range

- HONDA gasoline engine - Industrial GX series 3,000 rpm 4-stroke.
- IP23 alternator adapted to generator standards.
- 15-litre metal fuel tank.
- -30dB(A) residential exhaust.
- Steel chassis with anti-vibration dampers.
- Upper protection plate
- Supply without engine lubricating oil.
- Engine oil protection.
- Fuel tap.
- Alternator magnetothermic protection.



**Do you have any queries about this generator's scope of supply?
Do you need advice?**

Get in touch with us. We'll answer all your questions.

6. Available options

Do you need to include some options in this generator's standard equipment to make it the perfect generator for you? Below are the options available for our Professional Portable range.

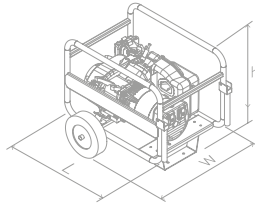


KIT 1: Transportation

With this kit composed of solid anti-puncture wheels, handles and support, **you will be able to comfortably and easily transport and use it.**

Weight with wheels:
87,5 kg

Dimensions with wheels:
L: 856 mm
W: 566 mm
H: 652 mm



KIT 2: Alternator with AVR

Your generator will be equipped **with the original manufacturer's voltage regulation system.**

KIT 3: Differential protection

A DIFFERENTIAL PROTECTION PANEL

- IP65 waterproof enclosure with 12 modules.
- 4-pole differential.
- Support and wiring.
- IP44 bases on the alternator.

B COVER WITH INTEGRATED DIFFERENTIAL PROTECTION IN THE ALTERNATOR

Option not available for DGH 12000 P, DGH 12 TF P and DGH 15 TF P models. *Consult the BC Max range.*

Option not compatible with AVR on models DGH 6000 P, DGH 8000 P, DGH 9000P, DGH 8 TF P and DGH 9 TF P.



MODEL	Differential protection panel	Cover with integrated differential protection
DGH 5000 P	•	-
DGH 6000 P	-	•
DGH 8000 P	-	•
DGH 9000 P	-	•
DGH 12000 P	-	•
DGH 8 TF P	-	•
DGH 9 TF P	-	•
DGH 12 TF P	-	•
DGH 15 TF P	-	•

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