


# DGH 5000 B


Basic Portable Range **NEW**



Ideal for...



 Weight **without wheels:**  
55,4 kg

 Dimensions **without wheels:**  
L: 770 mm  
W: 540 mm  
H: 530 mm

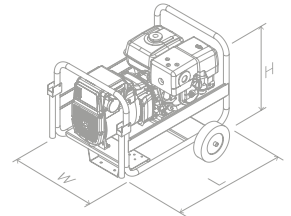


Image for orientation purposes. Dagartech reserves the right to modify the data in this technical sheet without prior notice.

 Unleaded gasoline

 EU Stage V

 Air cooled

 Static fame

 CE Conformity

## 1. General technical data

General technical data	Engine	HONDA GX 270
	Alternator	LINZ SP10M F
Frequency		50Hz
Voltage		230V
Work regime (rpm)		3000
Power factor (cos φ)		1
Tank (l)		5,3
Type of start-up		Manual

Power <sup>1</sup> (m.p. cos φ 1)	PRP (kVA / kW)	4,1 / 4,1
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<sup>1</sup>PRP: 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/EC<sup>2</sup>. 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 electrical panel with differential protection are optional and are not included in this unit's standard scope of supply.

## 2. Engine specifications

<b>2.1. General technical data of the engine</b>	<b>Make and model</b>	<b>HONDA GX 270</b>			
	r.p.m.	3000			
	Continuous power - 3000 rpm (kW)	3,7			
	Fuel	Unleaded gasoline			
	Number of cylinders	1 cylinder			
	Cylinder capacity (c.c.)	270			
	Compression ratio	8,2:1			
	Maximum torque (Nm)	17,7 (2500 r.p.m.)			
	Cooling system	8,2:1			
	Start-up	Manual			
<b>2.2. Fuel</b>	Type of fuel	Unleaded gasoline			
	Tank capacity (l)	5,3			
<b>2.3. Consumption and autonomy</b>	<b>Consumption (l/h)</b>			<b>Autonomy (h)</b>	
		<b>PRP</b>	<b>ESP</b>	<b>PRP</b>	<b>ESP</b>
	<b>75%</b>	1,3	-	4,1	-
	<b>100%</b>	1,7	-	3,1	-
	<b>2.4. Lubrication system</b>	Total oil capacity (l)	1,1		
Oil type		15W40			

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

Emissions compliance  
**EU Stage V**



## 3. Alternator specifications

<b>3.1. General technical data for the alternator</b>	<b>Make and model</b>	<b>LINZ SP10M F</b>			
	Number of poles	2			
	Insulation class	H			
	Mechanical protection index	IP23			
	Voltage regulator	Compound			
	Power PRP 40°C (kVA)	4,2			
	No. of phases	1			
	Power factor (cos φ)	1			

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



### 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.

# New Basic Range

Basically as reliable and efficient as ever, and more ergonomic and lighter than ever

They include HONDA engine (GX series) for professional use, IP23 alternators adapted to the standard of generators and original HONDA tanks of 3.1 to 6.1 liters capacity<sup>1</sup>.

We offer you Transport Kit options to facilitate its use and handling, the possibility of choosing it with an electric starter or even the option of adding a differential protection, adding a safety bonus to your generator set. You can also choose the generator to be equipped with an AVR alternator.



## Novelty!

Our generators are equipped with LINZ Electric brand alternators as a standard.

<sup>1</sup>Depending on the model.



Ask us for other alternatives.

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

Get in contact with us. We will solve all your doubts.

Send us an email [info@dagartech.com](mailto:info@dagartech.com)

Call us +34 976 141 655



## 4. Power sockets configuration

Model	IP44	EEC IP44	EEC IP44
	Schuko	2P+T 32A	3P+N+T 16A
DGH 3000 B	2	-	-
DGH 3500 B	2	-	-
DGH 4000 B	2	-	-
DGH 5000 B	2	-	-
DGH 6000 B	1	1	-
DGH 8000 B	1	1	-
DGH 9000 B	1	1	-
DGH 6 TF B	1	-	1
DGH 8 TF B	1	-	1
DGH 9 TF B	1	-	1

## 5. Standard scope of supply of the Basic range

- HONDA gasoline engine - Industrial GX series 3,000 rpm 4-stroke.
- LINZ Electric IP23 alternator adapted to generator standards.
- Original Honda metal fuel tank.
- Steel chassis with anti-vibration dampers.
- 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 Basic Portable range.

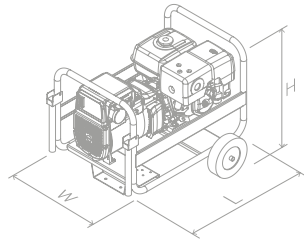


### KIT 1: Transportation

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:**  
60,9 kg

 **Dimensions with wheels:**  
L: 807,5 mm  
W: 696 mm  
H: 649 mm



### KIT 2: Alternator with AVR

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

Check availability depending on the model.



### KIT 3: Electric start-up

**Start your generator effortlessly in seconds.**  
Includes 12V battery.

Check availability depending on the model.



### KIT 4: IP67 power sockets in the alternator

You can also **equip your generator with IP67 power sockets.**

Check availability depending on the model.



### KIT 5: Electrical panel with differential protection and integrated bases

Adding a **safety bonus** to your generator with this kit.

### Scope of supply of the kit by model

DGH 3000 B	• IP65 waterproof box with 4 modules.
DGH 3500 B	• Magnetothermic switch 2P 16 A.
DGH 4000 B	• Differential 2P 25 A.
DGH 5000 B	• Mount and wiring.
DGH 6000 B	• IP44 bases in alternator.
DGH 6000 B	• IP65 waterproof box with 4 modules.
DGH 8000 B	• Magnetothermic switch 2P 32 A.
DGH 9000 B	• Differential 2P 40 A.
DGH 9000 B	• Mount and wiring.
DGH 9000 B	• IP44 bases in alternator.
DGH 6 TF B	• IP65 waterproof box with 12 modules.
DGH 8 TF B	• 2 x 4P 16 A magnetothermic switch.
DGH 9 TF B	• Differential 4P 25 A.
DGH 9 TF B	• Mount and wiring.
DGH 9 TF B	• IP44 bases in alternator.