



DGH 9000 BC

Portable BC Range



 **POWER (PRP):**
8 kVA / 8 kW

 **FREQUENCY**
50Hz

 **VOLTAGE**
230V

 **WEIGHT WITH WHEELS:**
108,3kg

 **DIMENSIONS WITH WHEELS:**
L: 863 mm
W: 696 mm
H: 661 mm

Image for orientation purposes. Transport kit is included in the standard scope of delivery. Dagartech reserves the right to modify the data in this technical sheet without prior notice.

 Unleaded gasoline

 EU Stage V

 Air-cooled

 Moving chassis

 CE certified

1. General technical data

General technical data

Engine	HONDA GX390
Alternator	LINZ E1C11M B
Frequency	50Hz
Voltage	230V
Work regime (rpm)	3000
Type of regulation	centrifugal mass
Power factor ($\cos \varphi$)	1
Tank (l)	6,1
Type of start-up	Manual

Powers¹ (p.f. $\cos \varphi$ 1)

PRP (kVA / kW) **8 / 8**

The transport kit is included in the standard scope of supply of this equipment.

¹PRP: 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 bears the CE marking which includes the following directives:

- **2006/42/EC.** Machine Safety Directive.
- **EN ISO 8528-13:2016.** Part 13: Safety. Alternating current generators powered by reciprocating internal combustion engines.
- **2014/30/EU.** Electromagnetic Compatibility Directive.
- **2000/14/EC.** 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 (RoHS²).

230V · 50Hz (3000 rpm)

HONDA GX390 | LINZ E1C11M B

2.1.
General technical data of the engine

Make and model	HONDA GX390
r.p.m.	3000
Continuous power - 3,000 rpm (kW/m)	N/A
Max. net power - 3600 rpm (kW/m)	8,7*
Type of regulation	centrifugal mass
Fuel	Unleaded gasoline
No. of cylinders	1
Cylinder capacity (c.c.)	389
Compression ratio	8,2:1
Maximum torque (Nm)	26,4 (2500 r.p.m.)
Cooling system	Air-cooled
Start-up Method	Manual


 4-STROKE-STROKES
 PETROL ENGINE. AIR-COOLED.


* Gross power data for VANGUARD and BRIGGS-STRATTON engines.

2.2. Fuel

Type of fuel	Unleaded gasoline
Tank capacity	6,1

2.3. Consumption and autonomy

	Consumption (l/h)		Autonomy (h)	
	PRP	ESP	PRP	ESP
75%	1,8	-	3,4	-
100%	2,4	-	2,5	-

2.4. Lubrication system

Oil capacity (l)	1,16
Oil consumption (L/H)	N/A

3. Alternator specifications

3.1. General technical data of the alternator

Make and model	LINZ E1C11M B
No. of poles	2
Insulation class	H
Mechanical protection index	IP23
Voltage regulator	Compound
Power PRP 40°C (kVA)	10
No. of phases	1
Power factor ($\cos \varphi$)	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. 5111.


2-pole alternator, Compound.

No maintenance required.

Winding protection by impregnation with tropicalised epoxy resin.

230V · 50Hz (3000 rpm)

HONDA GX390 | LINZ E1C11M B

5. Standard scope of supply for the BC range and available options

STANDARD SCOPE OF DELIVERY

HONDA GX390 Manual starter engine	<input checked="" type="checkbox"/>
Alternator LINZ E1C11M B · Compound	<input checked="" type="checkbox"/>
Original HONDA metal fuel tank	<input checked="" type="checkbox"/>
Compact electro-welded steel frame with anti-vibration dampers	<input checked="" type="checkbox"/>
Top protective metal plate	<input checked="" type="checkbox"/>
IP55 electrical panel with IP67 power sockets and built-in protective door on the chassis	<input checked="" type="checkbox"/>

The electrical panel complies with the ICT-BT-33 construction standard

The additional metal protective door provides robustness and reliability for the most adverse working conditions. It includes:

- Inner protective window (for electrical devices).
- Individual and differential circuit breaker protection.
- Hour meter.

Transport kit (includes solid puncture-proof wheels, handles, and stand).	<input checked="" type="checkbox"/>
Supply without engine lubrication oil	<input checked="" type="checkbox"/>
Engine oil protection	<input checked="" type="checkbox"/>
Fuel stopcock	<input checked="" type="checkbox"/>
Alternator thermal protection	<input checked="" type="checkbox"/>

AVAILABLE OPTIONS

Kit 2. Alternator with AVR



Check the availability of this option based on the model.

Kit 3. Electric start



Includes 12V battery. Check availability of this option based on the model.

POWER SOCKETS CONFIGURATION

	IP67	CEE IP67	CEE IP67
	Schuko	2P + T 32A	3P + N + T 16A
DGH 5000 BC	2	-	-
DGH 6000 BC	1	1	-
DGH 9000 BC	1	1	-
DGH 9000 BC	1	1	-
DGH 6 TF BC	1	-	1
DGH 9 TF BC	1	-	1
DGB 9 TF BC	1	-	1

Caption

Included

Optional

Not available

Consult



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A large, semi-transparent image of two industrial workers in a factory setting. A man in a white hard hat and high-visibility vest points upwards, while a woman in a yellow hard hat and blue uniform looks on. The background is dark and industrial.

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