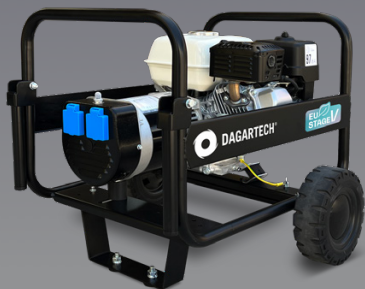


# DGH 9000 B

Portable Basic Range



⚡ POWER (PRP):  
**8 kVA / 8 kW**

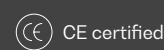
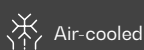
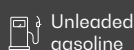
📶 FREQUENCY  
**50Hz**

⏚ VOLTAGE  
**230V**

📏 WEIGHT WITHOUT WHEELS:  
**88,9kg**

📏 DIMENSIONS WITHOUT WHEELS:  
**L: 770 mm  
W: 540 mm  
H: 530 mm**

Image for orientation purposes. Transport kit not included in the standard scope of delivery. Dagartech reserves the right to modify the data in this technical sheet without prior notice.



## 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 φ) | 1                |
| Tank (l)             | 6,1              |
| Type of start-up     | Manual           |

### Powers<sup>1</sup> (p.f. cos φ 1)

| PRP (kVA / kW) | 8 / 8 |
|----------------|-------|
|----------------|-------|

<sup>1</sup>PRP: Prime Power according to ISO8528-1.

The transport kit is an option not included in the standard scope of supply of this equipment.

### 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 (RoHS<sup>2</sup>).

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 (kWm) | N/A                |
| Max. net power - 3600 rpm (kWm)    | 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-STROKE  
 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 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. 51111.

### 2-pole

 alternator, Compound.  
 No maintenance required.

**Winding protection** by impregnation with tropicalised epoxy resin.

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

### STANDARD SCOPE OF DELIVERY

|                                                                |   |
|----------------------------------------------------------------|---|
| HONDA GX390 Manual starter engine                              | ✓ |
| Alternator LINZ E1C11M B · Compound                            | ✓ |
| Original HONDA metal fuel tank                                 | ✓ |
| Compact electro-welded steel frame with anti-vibration dampers | ✓ |
| Supply without engine lubrication oil                          | ✓ |
| Engine oil protection                                          | ✓ |
| Fuel stopcock                                                  | ✓ |
| Alternator thermal protection                                  | ✓ |

### AVAILABLE OPTIONS

|                         |   |
|-------------------------|---|
| <b>Kit 1. Transport</b> | ◻ |
|-------------------------|---|

*Includes solid puncture-proof wheels, handles, and stand.*

|                                                                                   |                                                                                          |
|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|
|  | WEIGHT WITHOUT WHEELS:<br><b>94,4kg</b>                                                  |
|  | DIMENSIONS WITHOUT WHEELS:<br><b>L: 807,5 mm</b><br><b>W: 696 mm</b><br><b>H: 649 mm</b> |

|                                   |   |
|-----------------------------------|---|
| <b>Kit 2. Alternator with AVR</b> | ◻ |
|-----------------------------------|---|

*Check the availability of this option based on the model.*

|                              |   |
|------------------------------|---|
| <b>Kit 3. Electric start</b> | ◻ |
|------------------------------|---|

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

|                                  |   |
|----------------------------------|---|
| <b>Kit 4. IP67 power sockets</b> | ◻ |
|----------------------------------|---|

*Check the availability of this option based on the model.*

|                                       |   |
|---------------------------------------|---|
| <b>Kit 5. Differential protection</b> | ◻ |
|---------------------------------------|---|

*Panel with differential in single-phase models. Cover with integrated differential on the alternator in three-phase models.*

### ALTERNATOR POWER SOCKETS CONFIGURATION

|            | IP44   | CEE IP44   | CEE 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              |

#### Caption

 Included
  Optional
  Not available
  Consult



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