



# DGH 3000 B

Portable Basic Range



⚡ POWER (PRP):  
**2,4 kVA / 2,4 kW**

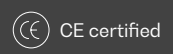
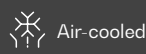
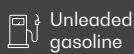
📡 FREQUENCY  
**50Hz**

Ⓜ VOLTAGE  
**230V**

⚖ WEIGHT WITHOUT WHEELS:  
**34,1kg**

📏 DIMENSIONS WITHOUT WHEELS:  
**L: 620 mm  
W: 430 mm  
H: 430 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 GX160
Alternator	MECCALTE S15W-85
Frequency	50Hz
Voltage	230V
Work regime (rpm)	3000
Type of regulation	mechanical
Power factor (cos φ)	1
Tank (l)	3,1
Type of start-up	Manual

### Powers<sup>1</sup> (p.f. cos φ 1)

PRP (kVA / kW)	<b>2,4 / 2,4</b>
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<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.

### **i** 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 GX160 | MECCALTE S15W-85

### 2.1. General technical data of the engine

Make and model	HONDA GX160
r.p.m.	3000
Continuous power - 3,000 rpm (kWm)	N/A
Max. net power - 3600 rpm (kWm)	3,6*
Type of regulation	mechanical
Fuel	Unleaded gasoline
No. of cylinders	1
Cylinder capacity (c.c.)	163
Compression ratio	9,0:1
Maximum torque (Nm)	10,3 (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	3,1

### 2.3. Consumption and autonomy

75%  
100%

	Consumption (l/h)		Autonomy (h)	
	PRP	ESP	PRP	ESP
75%	0,67	-	4,6	-
100%	0,9	-	3,4	-

### 2.4. Lubrication system

Oil capacity (l)	0,58
Oil consumption (L/H)	N/A

## 3. Alternator specifications

### 3.1. General technical data of the alternator

Make and model	MECCALTE S15W-85
No. of poles	2
Insulation class	H
Mechanical protection index	IP23
Voltage regulator	Compound
Power PRP 40°C (kVA)	2,7
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. 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 GX160 Manual starter engine	☑
Alternator MECCALTE S15W-85 · 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>	☐
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*Includes solid puncture-proof wheels, handles, and stand.*

	WEIGHT WITHOUT WHEELS: <b>39,6kg</b>
	DIMENSIONS WITHOUT WHEELS: <b>L: 648 mm</b> <b>W: 566 mm</b> <b>H: 549 mm</b>

<b>Kit 2. Alternator with AVR</b>	☐
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*Check the availability of this option based on the model.*

<b>Kit 3. Electric start</b>	☐
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*Includes 12V battery. Check availability of this option based on the model.*

<b>Kit 4. IP67 power sockets</b>	☐
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*Check the availability of this option based on the model.*

<b>Kit 5. Differential protection</b>	☐
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*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



**DAGARTECH<sup>®</sup>**

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