



DGH 12000 P

Portable Professional Range



POWER (PRP):
12 kVA / 12 kW

FREQUENCY
50Hz

VOLTAGE
230V

WEIGHT WITHOUT WHEELS:
121kg

DIMENSIONS WITHOUT WHEELS:
L: 990 mm
W: 620 mm
H: 670 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.

Unleaded gasoline

EU Stage V

Air-cooled

Static frame

CE certified

1. General technical data

General technical data

| | | |
|---------------------------------|---------------|--|
| Engine | HONDA GX630 | |
| Alternator | LINZ E1C11M C | |
| Frequency | 50Hz | |
| Voltage | 230V | |
| Work regime (rpm) | 3000 | |
| Type of regulation | Mechanical | |
| Power factor ($\cos \varphi$) | 1 | |
| Tank (l) | 25 | |
| Type of start-up | Electric | |

Powers¹ (p.f. $\cos \varphi$ 1)

PRP (kVA / kW) **12 / 12**

The transport kit is an option not 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 GX630 | LINZ E1C11M C

2.1.
General technical data of the engine

| | |
|-------------------------------------|---------------------------|
| Make and model | HONDA GX630 |
| r.p.m. | 3000 |
| Continuous power - 3,000 rpm (kW/m) | N/A |
| Max. net power - 3600 rpm (kW/m) | 15,5* |
| Type of regulation | Mechanical |
| Fuel | Unleaded gasoline |
| No. of cylinders | 2 |
| Cylinder capacity (c.c.) | 688 |
| Compression ratio | 9,3:1 |
| Maximum torque (Nm) | 48,3 (2500 r.p.m.) |
| Cooling system | Air-cooled |
| Start-up Method | Electric |


 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 | 25 |

2.3. Consumption and autonomy

| | Consumption (l/h) | | Autonomy (h) | |
|-------------|--------------------------|------------|---------------------|------------|
| | PRP | ESP | PRP | ESP |
| 75% | 4,2 | - | 5,9 | - |
| 100% | 6 | - | 4,2 | - |

2.4. Lubrication system

| | |
|------------------------------|------------|
| Oil capacity (l) | 2 |
| Oil consumption (L/H) | N/A |

3. Alternator specifications

3.1. General technical data of the alternator

| | |
|---|----------------------|
| Make and model | LINZ E1C11M C |
| No. of poles | 2 |
| Insulation class | H |
| Mechanical protection index | IP23 |
| Voltage regulator | Compound |
| Power PRP 40°C (kVA) | 12 |
| 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 GX630 | LINZ E1C11M C

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

STANDARD SCOPE OF DELIVERY

| | |
|--|-------------------------------------|
| HONDA GX630 Electric starter engine | <input checked="" type="checkbox"/> |
| Alternator LINZ E1C11M C · Compound | <input checked="" type="checkbox"/> |
| Fuel tank of 25 litres capacity | <input checked="" type="checkbox"/> |
| -30 dB(A) exhaust silencer | <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"/> |
| 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 1. Transport

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

| | |
|---|---|
|  | WEIGHT WITH WHEELS: 126,5kg |
|  | DIMENSIONS WITH WHEELS: L: 1026 mm W: 756 mm H: 789 mm |

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.

ALTERNATOR POWER SOCKETS CONFIGURATION

| | IP44 | CEE IP44 | CEE IP44 | CEE IP44 |
|-------------------|--------|------------|----------------|----------------|
| | Schuko | 2P + T 32A | 3P + N + T 16A | 3P + N + T 32A |
| DGH 8000 P | 1 | 1 | - | - |
| DGH 9000 P | 1 | 1 | - | - |
| DGH 12000 P | 1 | 1 | - | - |
| DGH 8 TFP | 1 | - | 1 | - |
| DGH 9 TFP | 1 | - | 1 | - |
| DGH 12 TFP | 1 | - | - | 1 |
| DGH 15 TFP | 1 | - | - | 1 |

Caption

 Included

 Optional

 Not available

 Consult



info@dagartech.com

T +34 976 141 655



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