



DGH 12 TF BC

Portable BC Max Range



 **POWER (PRP):**
12,5 kVA / 10 kW

 **FREQUENCY**
50Hz

 **VOLTAGE**
400/230V

 **WEIGHT WITH WHEELS:**
157,86kg

 **DIMENSIONS WITH WHEELS:**
L: 1026 mm
W: 756 mm
H: 789 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 GX630 |
| Alternator | LINZ E1S11M B |
| Frequency | 50Hz |
| Voltage | 400/230V |
| Work regime (rpm) | 3000 |
| Type of regulation | Mechanical |
| Power factor ($\cos \varphi$) | 0,8 |
| Tank (l) | 25 |
| Type of start-up | Electric |

Powers¹ (p.f. $\cos \varphi$ 0,8)

PRP (kVA / kW) **12,5 / 10**

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).

400/230V · 50Hz (3000 rpm)

HONDA GX630 | LINZ E1S11M B

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.

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 E1S11M B |
| No. of poles | 2 |
| Insulation class | H |
| Mechanical protection index | IP23 |
| Voltage regulator | Compound |
| Power PRP 40°C (kVA) | 13,5 |
| No. of phases | 3 |
| Power factor (cos φ) | 0,8 |


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.

400/230V · 50Hz (3000 rpm)

HONDA GX630 | LINZ E1S11M B

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

STANDARD SCOPE OF DELIVERY

- HONDA GX630 Electric starter engine
- Alternator LINZ E1S11M B · Compound
- Fuel tank of 25 litres capacity
- Compact electro-welded steel frame with anti-vibration dampers
- Top protective metal plate
- IP55 electrical panel with IP67 power sockets and built-in protective door on the chassis

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).
- Emergency stop button.
- Individual and differential circuit breaker protection.
- Hour meter.
- Voltmeter.

Transport kit (includes solid puncture-proof wheels, handles, and stand).

Supply without engine lubrication oil

Engine oil protection*

Fuel stopcock

Alternator thermal protection

AVAILABLE OPTIONS

Kit 2. Alternator with AVR

Option available in models with Honda engine.

Check the availability of this option based on the model.

POWER SOCKETS CONFIGURATION

| | IP67 | CEE IP67 | CEE IP67 |
|--------------|--------|------------|----------------|
| | Schuko | 2P + T 32A | 3P + N + T 32A |
| DGH 12000 BC | 2 | 1 | - |
| DGH 12 TF BC | 2 | - | 1 |
| DGH 15 TF BC | 2 | - | 1 |
| DGH 24 TF BC | 2 | - | 1 |

* Not available on models fitted with a VANGUARD engine.

Caption

Included

Optional

Not available

Consult



info@dagartech.com

T +34 976 141 655



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