EU STAGE V EMISSIONS

DGH 15 TF BC

Portable BC Max Range



POWER (PRP): 15 kVA / 12 kW

FREQUENCY 50Hz

VOLTAGE 400/230V

WEIGHT WITH WHEELS: 167,18kg

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 GX690**
Alternator	**LINZ E1S13S C/2**
Frequency	50Hz
Voltage	400/230V
Work regime (rpm)	3000
Type of regulation	Mechanical
Power factor (cos φ)	0,8
Tank (l)	25
Type of start-up	Electric

Powers[1] (p.f. cos φ 0,8)

PRP (kVA / kW)	**15 / 12**

[1]PRP: Prime Power according to ISO8528-1.

The transport kit is 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[2]).

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400/230V · 50Hz (3000 rpm) | HONDA GX690 | LINZ E1S13S C/2

2.1. General technical data of the engine

Make and model	HONDA GX690
r.p.m.	3000
Continuous power - 3,000 rpm (kWm)	N/A
Max. net power - 3600 rpm (kWm)	16,5*
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-STROKE PETROL ENGINE. AIR-COOLED.

EU STAGE V EMISSIONS

* 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%	5,1	-	4,9	-
100%	6,7	-	3,7	-

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 E1S13S C/2
No. of poles	2
Insulation class	H
Mechanical protection index	IP23
Voltage regulator	Compound
Power PRP 40°C (kVA)	16
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. 51111.

2-pole alternator, Compound. No maintenance required.

Winding protection by impregnation with tropicalised epoxy resin.

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

STANDARD SCOPE OF DELIVERY	
HONDA GX690 Electric starter engine	✓
Alternator LINZ E1S13S C/2 · 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

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