



## DGH 6 TF B

Portable Basic Range


 **POWER (PRP):**  
**6 kVA / 4,8 kW**
 **FREQUENCY**  
**50Hz**
 **VOLTAGE**  
**400/230V**
 **WEIGHT WITHOUT WHEELS:**  
**69,1kg**
 **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.

 **Unleaded gasoline**
 **EU Stage V**
 **Air-cooled**
 **Static frame**
 **CE certified**

## 1. General technical data

### General technical data

<b>Engine</b>	<b>HONDA GX270</b>
<b>Alternator</b>	<b>LINZ E1S10M H</b>
Frequency	50Hz
Voltage	400/230V
Work regime (rpm)	3000
Type of regulation	Mechanical
Power factor ( $\cos \varphi$ )	0,8
Tank (l)	5,3
Type of start-up	Manual
<b>PRP (kVA / kW)</b>	<b>6 / 4,8</b>

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

### Powers<sup>1</sup> (p.f. $\cos \varphi$ 0,8)

**PRP (kVA / kW)**
<sup>1</sup>PRP: 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 (RoHS<sup>2</sup>).

400/230V · 50Hz (3000 rpm)

HONDA GX270 | LINZ E1S10M H

**2.1.**  
**General technical data of the engine**

<b>Make and model</b>	<b>HONDA GX270</b>
r.p.m.	3000
Continuous power - 3,000 rpm (kW/m)	N/A
Max. net power - 3600 rpm (kW/m)	6,3*
<b>Type of regulation</b>	<b>Mechanical</b>
<b>Fuel</b>	<b>Unleaded gasoline</b>
<b>No. of cylinders</b>	<b>1</b>
<b>Cylinder capacity (c.c.)</b>	<b>270</b>
<b>Compression ratio</b>	<b>8,2:1</b>
<b>Maximum torque (Nm)</b>	<b>19,1 (2500 r.p.m.)</b>
<b>Cooling system</b>	<b>Air-cooled</b>
<b>Start-up Method</b>	<b>Manual</b>


 4-STROKE-STROKES  
 PETROL ENGINE. AIR-COOLED.


\* Gross power data for VANGUARD and BRIGGS-STRATTON engines.

**2.2. Fuel**

<b>Type of fuel</b>	<b>Unleaded gasoline</b>
<b>Tank capacity</b>	<b>5,3</b>

**2.3. Consumption and autonomy**

	<b>Consumption (l/h)</b>		<b>Autonomy (h)</b>	
	<b>PRP</b>	<b>ESP</b>	<b>PRP</b>	<b>ESP</b>
<b>75%</b>	1,3	-	4,1	-
<b>100%</b>	1,7	-	3,1	-

**2.4. Lubrication system**

<b>Oil capacity (l)</b>	<b>1,1</b>
<b>Oil consumption (L/H)</b>	<b>N/A</b>

**3. Alternator specifications**
**3.1. General technical data of the alternator**

<b>Make and model</b>	<b>LINZ E1S10M H</b>
<b>No. of poles</b>	<b>2</b>
<b>Insulation class</b>	<b>H</b>
<b>Mechanical protection index</b>	<b>IP23</b>
<b>Voltage regulator</b>	<b>Compound</b>
<b>Power PRP 40°C (kVA)</b>	<b>7</b>
<b>No. of phases</b>	<b>3</b>
<b>Power factor (cos φ)</b>	<b>0,8</b>


**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 GX270 | LINZ E1S10M H

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

### STANDARD SCOPE OF DELIVERY

HONDA GX270 Manual starter engine	<input checked="" type="checkbox"/>
Alternator LINZ E1S10M H · Compound	<input checked="" type="checkbox"/>
Original HONDA metal fuel tank	<input checked="" type="checkbox"/>
Compact electro-welded steel frame with anti-vibration dampers	<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 WITHOUT WHEELS: 74,6kg
	DIMENSIONS WITHOUT WHEELS: L: 807,5 mm W: 696 mm H: 649 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.

#### Kit 4. IP67 power sockets

Check the availability of this option based on the model.

#### Kit 5. Differential protection

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 TFB	1	-	1
DGH 8 TFB	1	-	1
DGH 9 TFB	1	-	1

Caption

 Included

 Optional

 Not available

 Consult



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