



DGH 8 TF P

Professional Portable Range NEW




Ideal for...



AGRICULTURE
AND LIVESTOCK

 Weight **without wheels:**
86 kg

 Dimensions **without wheels:**
L: 820 mm
W: 560 mm
H: 532 mm

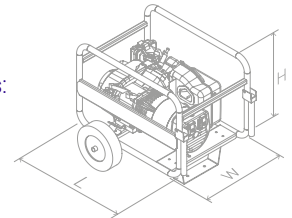


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 Unleaded gasoline

 EU Stage V

 Air cooled

 Static fame

 CE Conformity

1. General technical data

| General technical data | Engine | HONDA GX 390 |
|--|-----------------------|----------------|
| | Alternator | LINZ E1S10M H |
| | Frequency | 50Hz |
| | Voltage | 400/230V |
| | Work regime (rpm) | 3000 |
| | Power factor (cos φ) | 0,8 |
| | Tank (l) | 15 |
| | Type of start-up | Manual97 |
| Power¹ (m.p. cos φ 0,8) | PRP (kVA / kW) | 7,5 / 6 |

¹PRP: Continuous power ("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 Set has EC labelling which includes the following directives:

- **2006/42/EC.** Machine Safety Directive.
- **EN ISO 8528-13:2016. Part 13: Safety.** Alternating current generator sets powered by reciprocating internal combustion engines.
- **2014/30/EU. Electromagnetic Compatibility Directive.**
- **2000/14/EC². 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).



The transportation kit and electrical panel are optional and are not included in this unit's standard scope of supply.

Our new Professional range gives you more autonomy and less noise, with differential protection and transport options

Its 15-liter fuel tank guarantees a generator autonomy greater than 8 hours. It also includes a protective metal plate and a -30dB (A) residential exhaust.

What does the Professional range offer you compared to our Basic range?



WITH LARGE CAPACITY FUEL TANK

To guarantee an autonomy of up to 8 hours of operation.



-30dB (A) RESIDENTIAL EXHAUST

Significant noise reduction.



A PROTECTIVE METAL PLATE

And everything that our Basic range includes...



Cumplying EU STAGE V Emissions



CE CERTIFICATE

The transportation kit and electrical panel are optional and are not included in this unit's standard scope of supply.

Do you have any doubts regarding the scope of supply of these new generators? Do you need advice?

Get in contact with us. We will solve all your doubts.

Send us an email
info@dagartech.com

Call us
+34 976 141 655

2. Engine specifications

| | | | | | |
|--|----------------------------------|---------------------|---------------------|------------|------------|
| 2.1. General technical data of the engine | Make and model | HONDA GX 390 | | | |
| | r.p.m. | 3000 | | | |
| | Continuous power - 3000 rpm (kW) | 8,2 | | | |
| | Fuel | Unleaded gasoline | | | |
| | Number of cylinders | 1 cylinder | | | |
| | Cylinder capacity (c.c.) | 390 | | | |
| | Compression ratio | 8,2:1 | | | |
| | Maximum torque (Nm) | 25,1 (2500 r.p.m.) | | | |
| | Cooling system | 8,2:1 | | | |
| Start-up | Manual | | | | |
| 2.2. Fuel | Type of fuel | Unleaded gasoline | | | |
| | Tank capacity (l) | 15 | | | |
| 2.3. Consumption and autonomy | Consumption (l/h) | | Autonomy (h) | | |
| | | PRP | ESP | PRP | ESP |
| | 75% | 1,8 | - | 8,3 | - |
| 100% | 2,4 | - | 6,3 | - | |
| 2.4. Lubrication system | Total oil capacity (l) | 1,1 | | | |
| | Oil type | 15W40 | | | |

- **4-stroke Gasoline Engine.**
- Air cooling.



Emissions compliance
EU Stage V

3. Alternator specifications

| | | | | |
|---|-----------------------------|----------------------|--|--|
| 3.1. General technical data for the alternator | Make and model | LINZ E1S10M H | | |
| | Number of poles | 2 | | |
| | Insulation class | H | | |
| | Mechanical protection index | IP23 | | |
| | Voltage regulator | Compound | | |
| | Power PRP 40°C (kVA) | 7 | | |
| | 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. 51,111.

- **Brushless 2-pole alternator.** No maintenance required.
- **Winding protection** by impregnation with tropicalised epoxy resin.

4. Power sockets configuration

| Modelo | IP44 | CEE IP44 | CEE IP44 | CEE IP44 |
|------------|--------|----------|------------|------------|
| | Schuko | 2P+T 32A | 3P+N+T 16A | 3P+N+T 32A |
| DGH 5000 P | 2 | - | - | - |
| DGH 6000 P | 1 | 1 | - | - |
| DGH 8000 P | 1 | 1 | - | - |
| DGH 9000 P | 1 | 1 | - | - |
| DGH 6 TF P | 1 | - | 1 | - |
| DGH 8 TF P | 1 | - | 1 | - |
| DGH 9 TF P | 1 | - | 1 | - |

5. Standard scope of supply of the Professional range

- HONDA gasoline engine - Industrial GX series 3,000 rpm 4-stroke.
- IP23 alternator adapted to generator standards.
- 15-litre metal fuel tank.
- -30dB(A) residential exhaust.
- Steel chassis with anti-vibration dampers.
- Upper protection plate
- Supply without engine lubricating oil.
- Engine oil protection.
- Fuel tap.
- Alternator magnetothermic protection.



**Do you have any queries about this generator's scope of supply?
Do you need advice?**

Get in touch with us. We'll answer all your questions.


6. Available options

Do you need to include some options in this generator's standard equipment to make it the perfect generator for you? Below are the options available for our Professional Portable range.

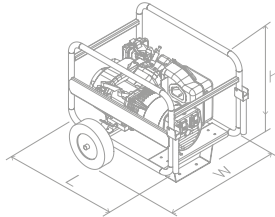


KIT 1: Transportation

With this kit composed of solid anti-puncture wheels, handles and support, **you will be able to comfortably and easily transport and use it.**

 **Weight with wheels:**
91,5 kg

 **Dimensions with wheels:**
L: 856 mm
W: 566 mm
H: 652 mm



KIT 2: Alternator with AVR

Your generator will be equipped **with the original manufacturer's voltage regulation system.**



KIT 3: Differential protection

Adding a **safety bonus** to your generator with this kit.

Do you have questions about these options? Do you need something different?



Get in contact with us. We will solve all your doubts.

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