

## Greenpower HONDA Gasoline engine

3000 RPM	Type GP55H
----------	------------

The engine with air cooling system.

**Engine:** GX 270

**Alternator:** Class H

These are the characteristics of Honda GX 270

- Lower emissions, higher power output
- Dual oil drains and fill
- Automatic mechanical de-compression system
- Ergonomic, easy to grip recoil rope design
- Sophisticated air intake system
- Forged steel crankshaft and rigid crankcase
- Reduced mechanical noise due to light weight, noise-reducing materials

Your Benefits:

- No catalyst necessary
- High quality materials, fit and finish
- New enhancements to the muffler, breather valve and case cover reduce noise level
- Aluminium push rods reduce both valve clearance and noise level
- Easy, convenient, heavy duty control box
- Electric start
- Cyclone air cleaner available

### ► Technical Data

Engine type	GP55H	
Numer of cylinder	1	
Bore x Stroke	mm	77 x 58
Displacement	cm <sup>3</sup>	270
Compression ratio	8.5:1	
Net power output	HP	8.5
Net Torque	ft./lbs.	14.1 @ 2500rpm
Dry weight	kg	25
Frequency	Hz	50
Rated maximum power	kW	4.6
Rated prime power	kW	4.3

## Standard Specification:

Engine Type : Air cooled 4-stroke OHV petrol engine  
 Governor : Centrifugal Mass Type  
 Ignition System : Digital CDI with variable ignition timing  
 Filter : Paper air filter  
 Engine Power : 8.5 HP

## Standby Power:

Available electrical power (at a variable load) with a medium of 75% of the indicated maximum power.

## Limited Time running Power (LTP):

The generating set is capable of delivering for up to 500 hour of operation per year.

No overload capability is available.

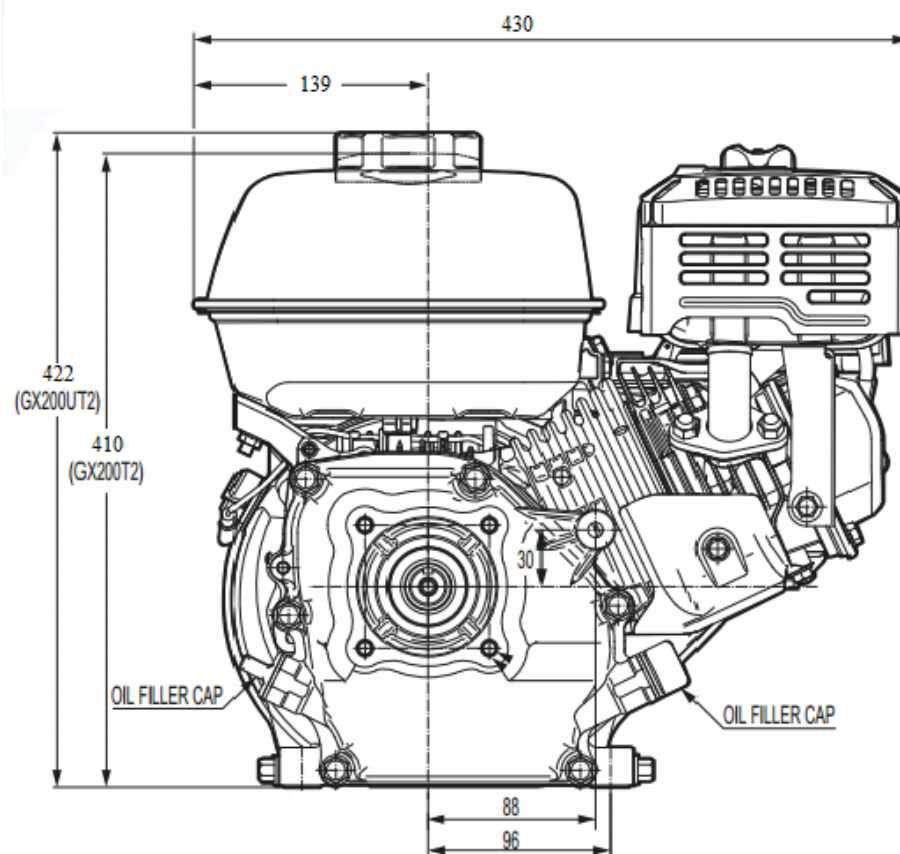
## Scope of Supply:

Efficiency at 75% load is 73%. The panel location is on alternator. Offer maximum reliability and performance with a basic but efficient configuration. The shafts are heavy duty ball bearing supported. Automatic compression for easy start.

## ► Rating Table **GP55H**

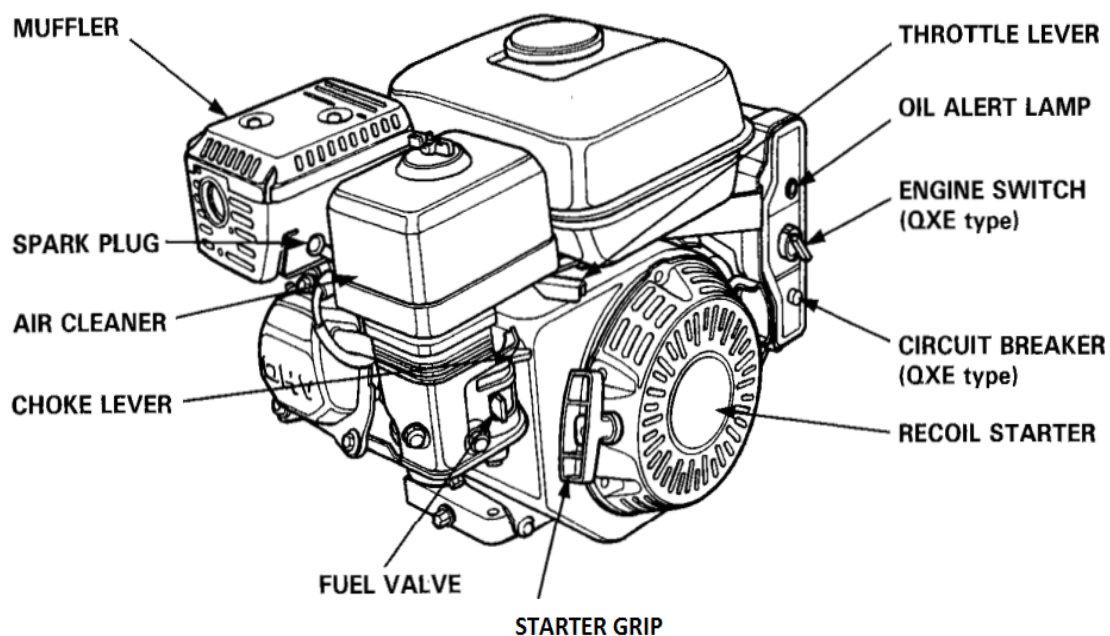
Engine type		GP55H
Speed	min <sup>-1</sup> rpm	3000
Frequency	Hz	50
<b>Engine ratings</b>		
Continuous power(COP)	kW	4.6
Prime power(PRP)	kW	5.1
Limited time running power(LTP)	kW	5.6
<b>Typical power output</b>		
Typical power output (COP )	kVA	4.2
Typical power output (PRP)	kVA	4.6
Typical power output (LTP)	kVA	5.1
<b>Spec. fuel consumption PRP (LTP)</b>		
100 % load	l/hr	2.22
75 % load	l/hr	1.66
50% load	l/hr	1.37
25 % load	l/hr	1.24

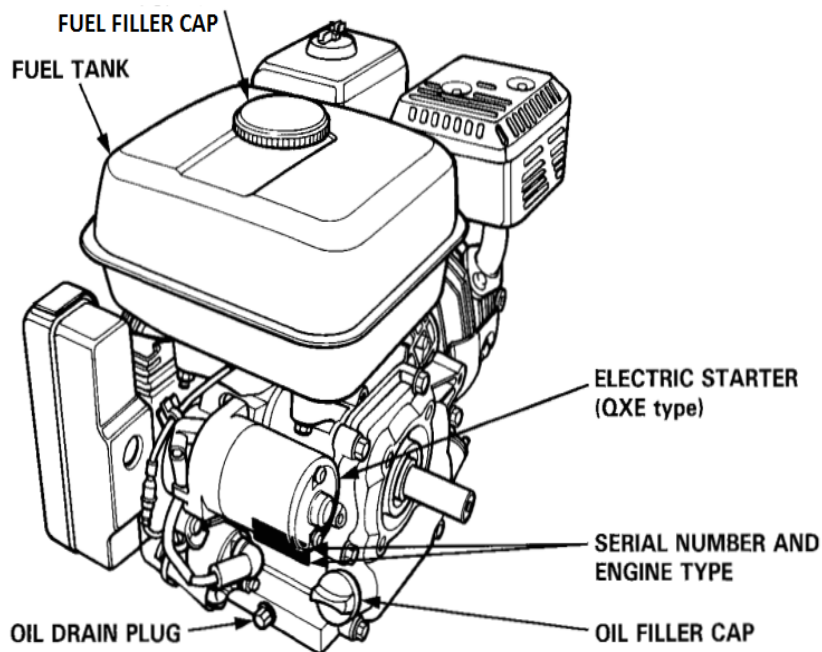
## ► Dimensions



Engine type	Length	Width	Height
<b>GP55H</b>	mm	380	430
			422

## ► Engine Illustration





## ► Engine Description

Type of Cooling .....	Air cooling
PTO shaft rotation .....	Counterclockwise
Carburetor .....	Butterfly Float Type
Ignition System .....	Digital CDI with variable ignition timing
Starting System .....	Recoil starter
Lubrication System .....	Splash
Governor System .....	Centrifugal Mass Type
Air cleaner .....	Dual element
Fuel .....	Gasoline
Air intake .....	Natural
Voltage regulation system ...	Capacitor
Cylinders .....	1
Disposition .....	Inclined angle
Crank Shaft .....	Q Type