

Greenpower Briggs & Stratton Gasoline engine

3000 RPM	Type GPS10B
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The engine with air cooling system.

Engine: RV 10540
Type: Vanguard V Twin OHV

These are the characteristics of Briggs and Stratton RV10540

- 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	GPS10B	
Numer of cylinder	2	
Bore x Stroke	mm	68X66
Displacement	cm ³	479
Compression ratio	8.5:1	
Net power output	HP	16
weight	kg	32.4
Frequency	Hz	50
Rated maximum power	kW	8.8
Rated prime power	kW	8

Standard Specification:

Engine Type : Air cooled 4-stroke OHV petrol engine
 Governor : Mechanical
 Ignition System : Electronic
 Filter : Paper air filter
 Engine Power : 16 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.

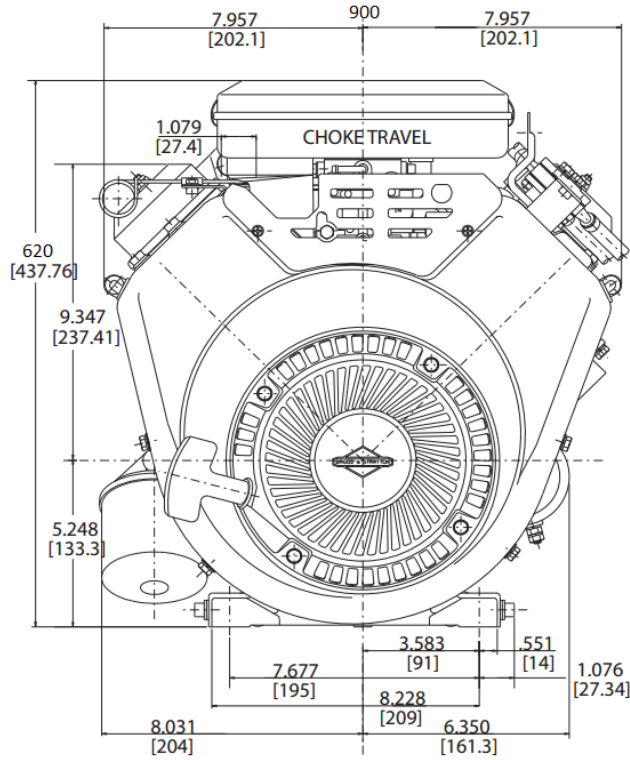
Scope of Supply:

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 GPS10B**

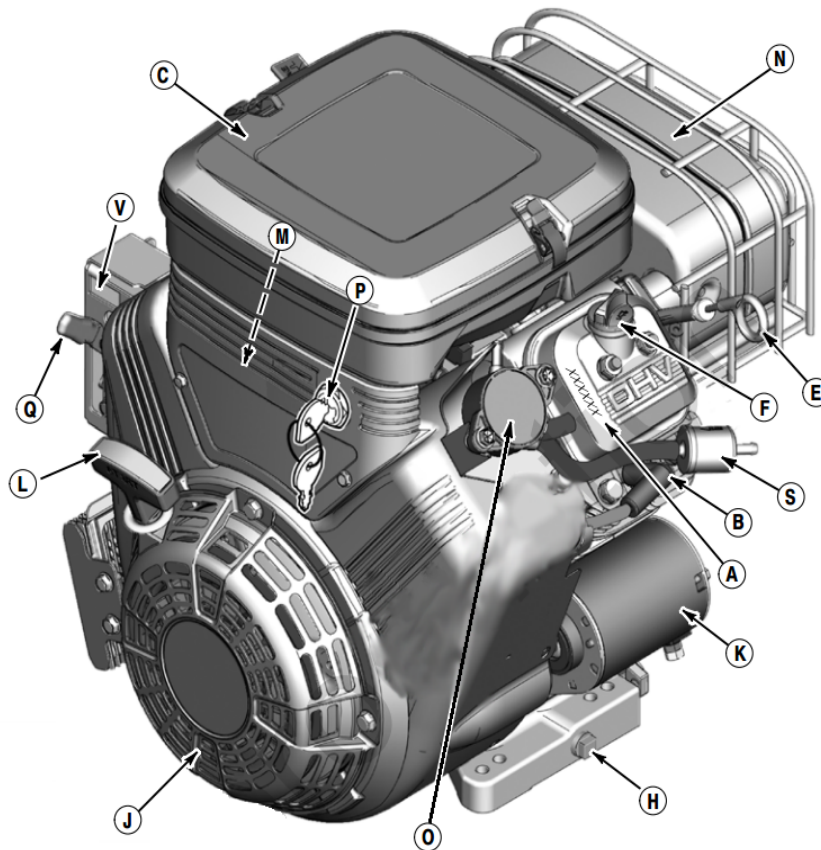
Engine type		GPS10B
Speed	rpm	3000
Frequency	Hz	50
Engine ratings		
Continuous power(COP)	kW	6.7
Prime power(PRP)	kW	7.2
Limited time running power(LTP)	kW	8
Typical power output		
Typical power output (COP)	kVA	8.1
Typical power output (PRP)	kVA	8.6
Typical power output (LTP)	kVA	10
Spec. fuel consumption PRP (LTP)		
100 % load	l/hr	3.8
75 % load	l/hr	3.1
50% load	l/hr	2.34
25 % load	l/hr	2.26

► Dimensions

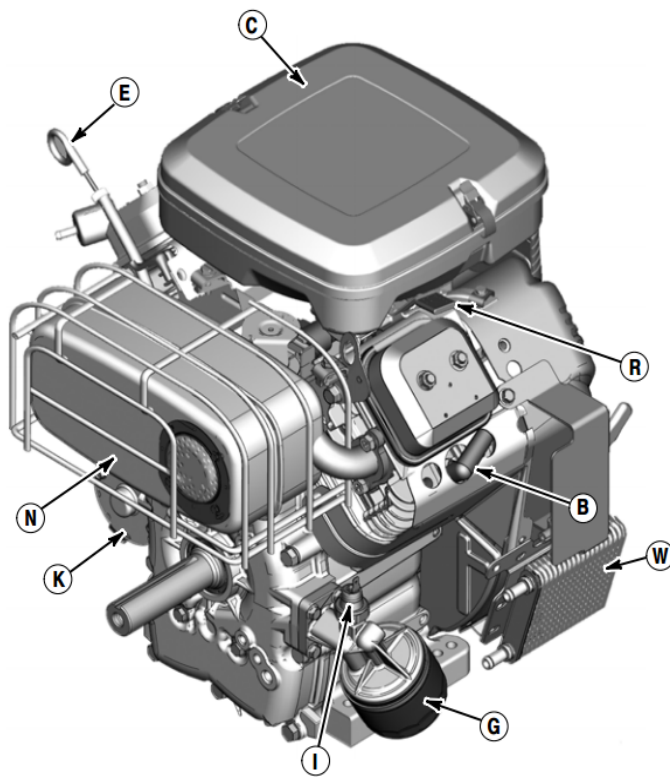


Engine type	Length	Width	Height	
GPS10B	mm	645	900	620

► Engine Illustration



- A. Engine Identification
- B. Spark Plug
- C. Air Cleaner
- E. Dipstick
- F. Oil Fill
- H. Oil Drain Plug
- J. Finger Guard
- K. Electric Starter
- L. Rewind Starter
- M. Carburetor
- N. Muffler
- O. Fuel Pump
- P. Starter Switch
- Q. Throttle Control
- S. Fuel Filter



- B. Spark Plug
- C. Air Cleaner
- E. Dipstick
- G. Oil Filter
- I. Oil Pressure Sensor
- K. Electric Starter
- N. Muffler
- R. Choke Control
- W. Oil Cooler

► Engine Description

Type of Cooling	Air cooling
PTO shaft rotation	Counterclockwise
Carburetor	Float Type
Ignition System	Electronic
Starting System	Recoil/Electric
Choke Control	Manual, Remote
Governor System	Mechanical
Air cleaner	Dual element
Fuel	Gasoline
Air intake	Natural
Voltage regulation system	Capacitor
Cylinders	2
Bearing Type	Ball
Cylinder Bore.....	Cast Iron



Greenpower AB

Helsingborgsvägen Varalöv
 262 96 Ängelholm, Sweden
 Tel: +46 431-222 40
 E-mail: info@greenpower.se
 Web: www.greenpower.se