

Greenpower Briggs & Stratton Gasoline engine

3000 RPM	Type GPS12B
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The engine with air cooling system.

Engine: RV 13540
Type: Vanguard V Twin OHV

These are the characteristics of Briggs and Stratton RV13540

- 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		GPS12B
Numer of cylinder		2
Bore x Stroke	mm	72X70
Displacement	cm ³	570
Compression ratio		8.5:1
Net power output	HP	18
weight	kg	33.3
Frequency	Hz	50
Rated maximum power	kW	10.5
Rated prime power	kW	10

Standard Specification:

Engine Type : Air cooled 4-stroke OHV petrol engine
 Governor : Mechanical
 Ignition System : Electronic
 Filter : Paper air filter
 Engine Power : 18 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.

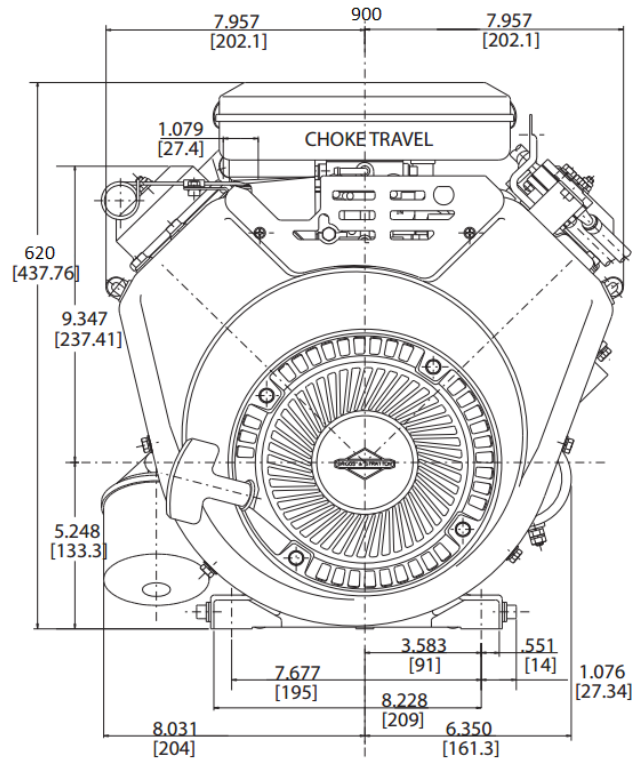
Scope of Supply:

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 GPS12B**

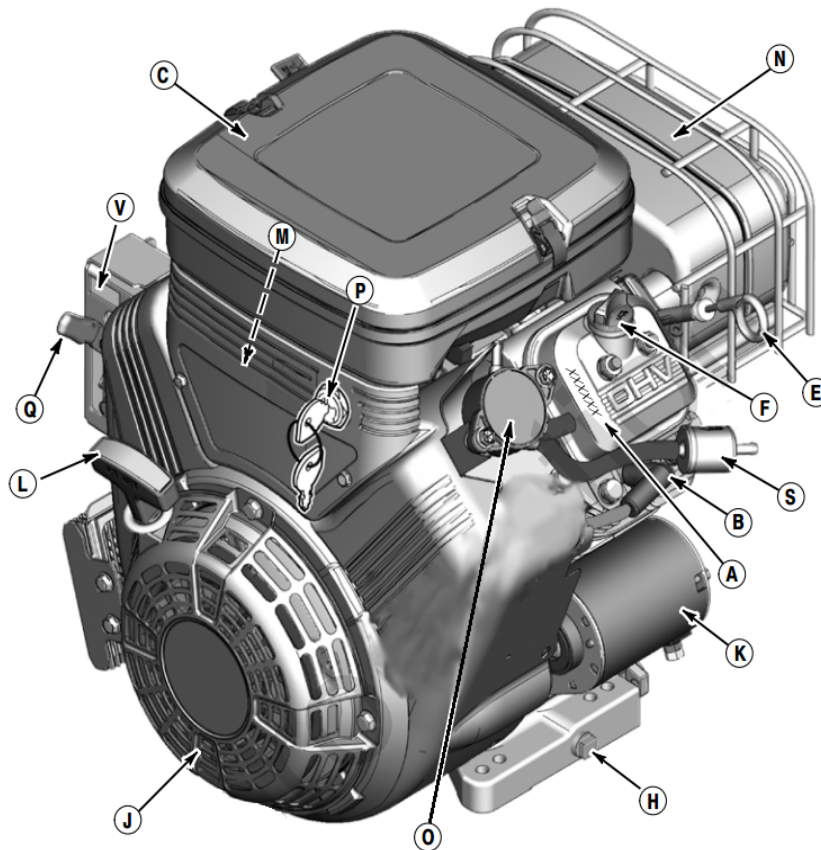
Engine type		GPS12B
Speed	rpm	3000
Frequency	Hz	50
Engine ratings		
Continuous power(COP)	kW	8.2
Prime power(PRP)	kW	9
Limited time running power(LTP)	kW	10
Typical power output		
Typical power output (COP)	kVA	9.6
Typical power output (PRP)	kVA	10.4
Typical power output (LTP)	kVA	12
Spec. fuel consumption PRP (LTP)		
100 % load	l/hr	4.3
75 % load	l/hr	3.6
50% load	l/hr	2.8
25 % load	l/hr	2.7

► Dimensions

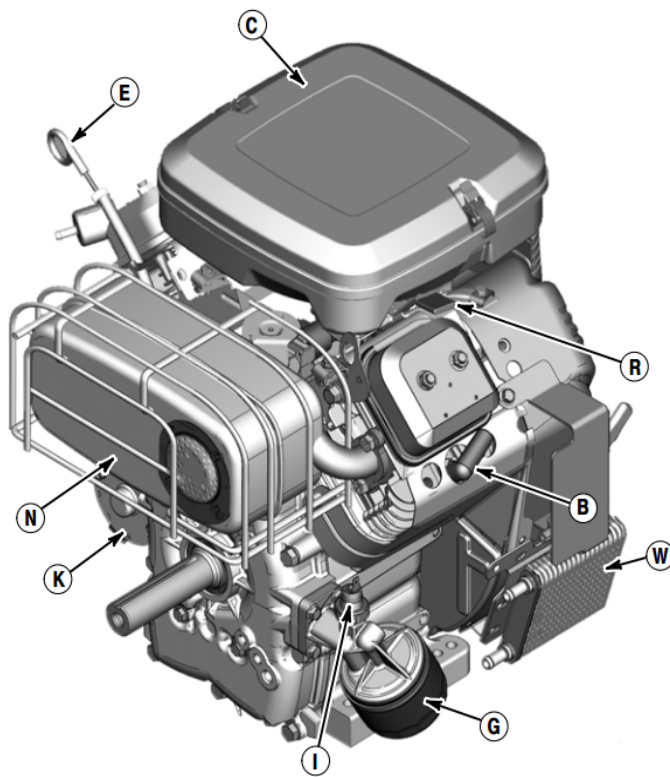


Engine type	Length	Width	Height
GPS12B mm	645	900	620

► 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



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