

# DUAL FUEL/GASOLINE & NATURAL GAS

2.7 Liter

For Industrial Application

# ZPP 627



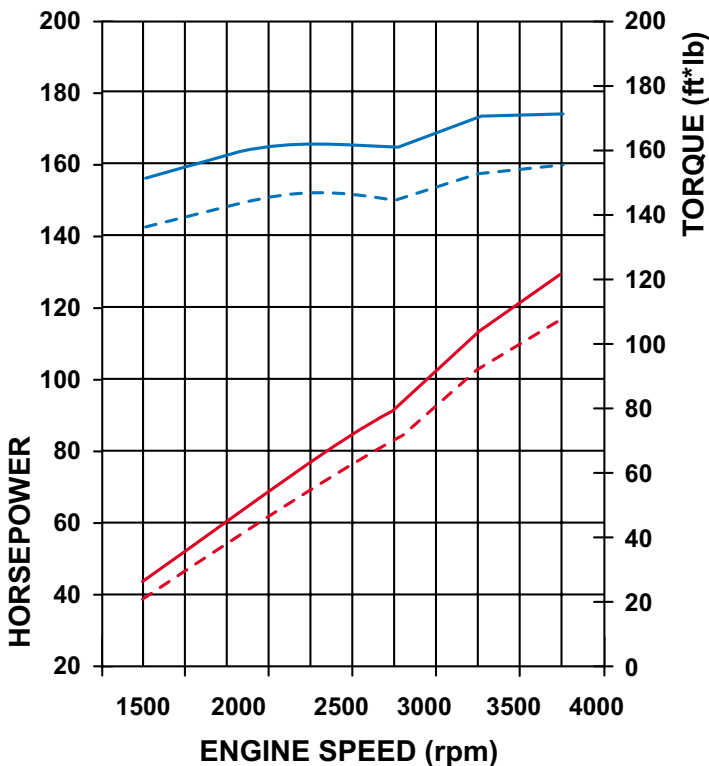
(Some parts optional)

## SPECIFICATION DATA

Intermittent output (JIS 82 NET)	115 Hp/3,600 rpm
Continuous output (JIS 82 NET)	103 Hp/3,600 rpm
Peak torque (JIS 82 NET)	170 ft-lb/3,500 rpm
Fuel and type	Gasoline/multiport - LPG/NG mixer type
Engine configuration	6 V, 4 stroke
Combustion chamber	Pentroof shape
Bore x stroke (mm)	86.7 x 75
Total piston displacement	2656 cc
Compression ratio	10:1
Length x width x height (mm)	479 x 651.6 x 682.7
Dry weight*	157.6 kg

\*Excl. ship loose parts.

## PERFORMANCE CURVE



### Curve 1; Intermittent Gross Output

This is the highest output obtainable at JIS standard ambient conditions from a basic engine equipped only with the built-in accessories essential to its operation. These levels may be only maintained for operating period of short duration.

Applications: Scissorlifts, Aerial platforms, Scrubber/sweepers, Utility vehicles, Construction equipment

### Curve 2; Continuous Gross Output

This is the output which can be obtained at JIS standard ambient conditions from a basic engine, operating in a continuous duty mode.

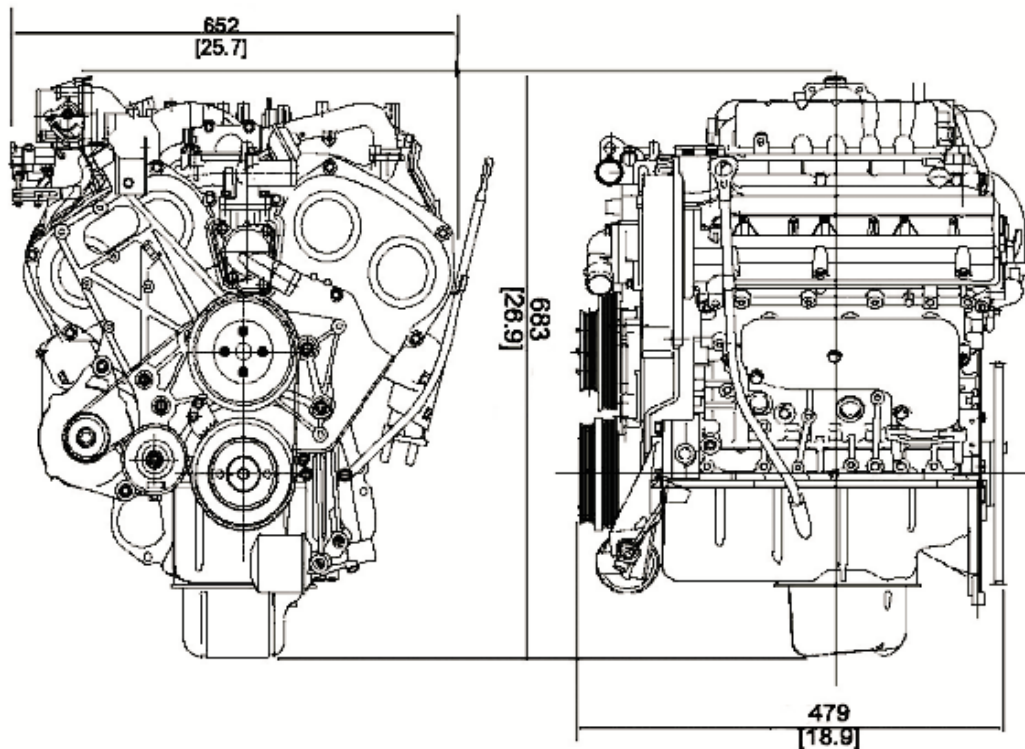
Applications: Generators, Welders, Water pumps, Air compressors, Carpet Cleaners, etc.

**ZENITH**  
POWER PRODUCTS LLC

14570 INDUSTRIAL PARK ROAD  
BRISTOL, VA 24202

## ENGINE SPECIFICATIONS

GENERAL		PHYSICAL DATA	
Cylinders	6	Length	18.9 in / 479.0 mm
Cylinder arrangement	V-Block	Width	25.7 in / 652.0 mm
Bore	3.41 in / 86.7 mm	Height	26.88 in / 683.0 mm
Stroke	2.95 in / 75.0 mm	Weight	71.49 lb / 157.6 kg
Cylinder displacement	27 cu in / 443 cc	Oil capacity	4.8 qt / 4.5 L
Total displacement	162.1 cu in / 2656 cc		
Compression ratio	10.0:1	ELECTRICAL	
FUEL SYSTEM		Starter motor	12 V - 1.2kW
Gasoline/multiport - LPG/NG mixer type		Alternator	13.5 V - 95 A w/ built in regulator
Fuel pressure	3 bar	DIS ignition	
Fuel pressure (LPG/NG)	<5 in	COOLING	
Fuel requirement	Unleaded gasoline	Thermostat	180°F / 82°C
Fuel pump	Electric type		
Electronic governor			



Design and specifications are subject to change without notice.

### For further information, please contact:

David Stringer - [dstringer.zpp@zenithfuelsystems.com](mailto:dstringer.zpp@zenithfuelsystems.com)

Otto Aliffi - [oyaliffi.zpp@zenithfuelsystems.com](mailto:oyaliffi.zpp@zenithfuelsystems.com)

[www.zenithpowerproducts.com](http://www.zenithpowerproducts.com) | 276.645.8679

**ZENITH** ★  
POWER PRODUCTS LLC  
14570 INDUSTRIAL PARK ROAD  
BRISTOL, VA 24202