



MODELS:

VPHL420M-IS

VPHL420E-IS

Gasoline Powered Specification

TECHNICAL DATA SHEET

FOR USE IN NON-REGULATED TERRITORIES ASIA MIDDLE EAST AND AFRICA

TECHNICAL INFORMATION

INTRODUCTION

The Energie VPHL Series of gasoline engines offer low noise and optimised emission standards. The OHV (Overhead Valve Design) incorporates proven global technology as part of this fuel efficient design that is ideally suited to the medium duty industrial and commercial applications.

Certification : CE EU-V Certified

APPLICATIONS

Q Shaft – Industrial & Construction Applications

POWER OUTPUT

RATINGS INDUSTRIAL SPEC		3600RPM		3000RPM	
Max Output Horsepower		14 HP		11.7 HP	
Max Output Kilowatt		10.4 kW		8.7 kW	
Continuous Rated Output HP		10.5 HP		8.7 HP	
Continuous Rated Output kW		7.8 kW		6.5 kW	
RATINGS GENERATORS SPEC		3000RPM 400V / 0.8PF / 50HZ		3000RPM 220V / 1.0PF / 50HZ	
Continuous		6.6 kW	8.2 kVA	6.5 kW	6.5 kVA
Standby		8.7 kW	10.9 kVA	8.7 kW	8.7 kVA

420
SERIES

V

STAGE 5 READY

MD

MEDIUM DUTY

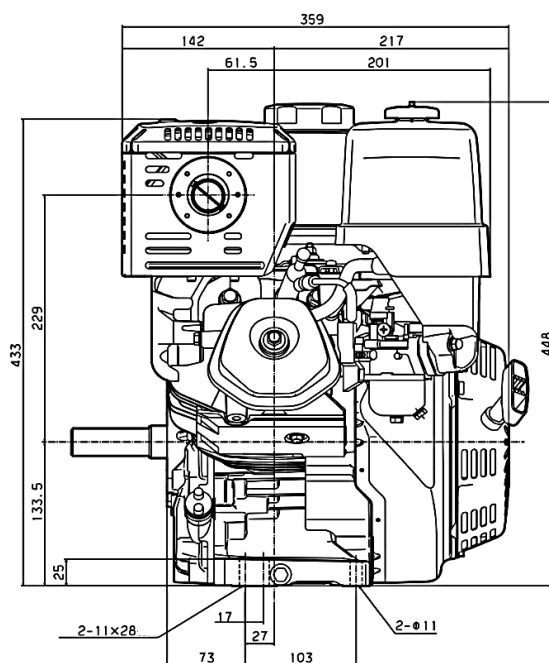
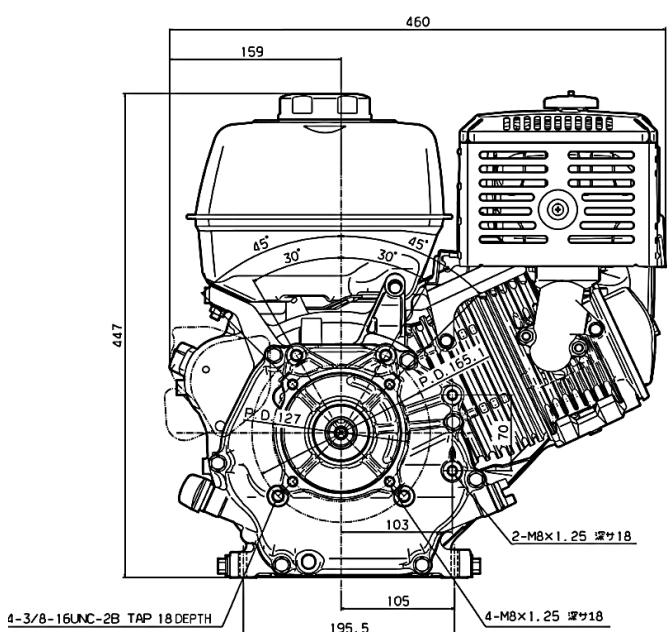
COMMERCIAL USE

TECHNICAL INFORMATION

Engine	
Make	Energie
Model	VPHL420
Engine Type	4 Stroke Single Cylinder
Displacement	420 cm ³
Power at 3600 RPM	10.4kW (14HP) – 3600RPM
Power at 3000 RPM	8.7kW (11.7HP) – 3000RPM
Starter	Electric + Manual Recoil
Noise Level at 7m(dB)	90
Consumption	370 g/kwh / 5.2 L/h
Bore and Stroke (mm)	90x66
Ignition System	Transistorized Magneto Ignition
Stop System	Ignition Primary Circuit Ground
Weight	
Net Weight(kg)	30
Gross Weight(kg)	32

Fuel	
Fuel Tank Capacity(L)	6.5
Fuel Type	Gasoline
Suggested Grade / Class	95 ppm or better
Lubrication	
Lubrication Oil	SAE 5W/30
Lubrication Oil Volume(L)	1.1
Dimensions of Engine	
Length(mm)	450
Width(mm)	405
Height(mm)	443
Dimensions of the Packaging	
Length(mm)	535
Width(mm)	500
Height(mm)	495

DIMENSIONS



Q1



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DEALER DETAILS

95ppm or better
15W/40