



EDG

ENERGIE DIESEL GENERATOR



MODEL: VPPVG-D-10000E-400V-AVR

Diesel Powered Specification

20.9HP – 15.6kW Energie Engine
10 KVA Portable Generator

TECHNICAL DATA SHEET

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

TECHNICAL INFORMATION

MODEL

VPPVG-D-10000E-400-AVR-SFW

Electric Start with Steel Frame and Wheels

APPLICATIONS

Industrial

Workshop and Fabrication: Medium inverter welders (up to 200A). Air compressors up to 5 hp. Multiple power tools running together (grinders, drills and saws)

Construction and Site Power: Floodlighting and power for site cabins. Running small AC units, computers, printers and tools simultaneously. Concrete mixers, rebar cutters and tile saws.

Backup Power: Small offices, security systems, CCTV and automation panels. Battery chargers and UPS systems.

Agricultural

Irrigation and Water Supply: Irrigation pumps up to 5-6 hp (4-4.5 kW motors). Large borehole pumps (single-phase). Transfer pumps for tanks, troughs and dams.

Livestock and Poultry Farming: Ventilation fans, feeding systems and lighting for large poultry houses. Milking machines (2-3 units at once). Refrigeration for milk tanks or cold storage of produce.

Crop Farming and General Farm Use: Sprayers, feed mixers and packing machinery. Lighting for greenhouses, tunnels and storage sheds. Backup power for fencing energizers, security and irrigation controllers.

APPLICATIONS:

Industrial

Agricultural

energie
power products
DIESEL ENGINE

MD

MEDIUM DUTY

TECHNICAL INFORMATION

Engine

Make	Energie
Model	VPHLD1000
Power	20.9HP – 15.6kW / 3600 RPM
Type	Two-cylinder in line vertical 4-stroke
Displacement	1000cc / 1.0l
Fuel Type	Diesel
Starter	Recoil Start / Electric Start
Consumption	±265 g/kWh 4.87 l/h
Noise	90dB at 7m
Fuel Tank Size	5.5l
Oil Tank Size	2.6l

Alternator

Make	NSM
Model	ZR100LB
Rated RPM	3000 rpm
Rated Power	10KVA
Insulation Class	Class “H”
Regulation	AVR
Rated Voltage	400V
Frequency	50 Hz
Protection	IP23
Efficiency	85%

Special Features

	Portable, Fuel Efficient and a Steel open frame.

Fuels and Lubricants (Recommended)

Gasoline	50ppm or better
Oils	15W/40

Consumables (Service Parts)

Engine Air Filter	-
Engine Oil Filter	-
Engine Fuel Filter	-

Dimensions and Weights

Length	815mm
Width	498mm
Height	548mm
Dry and Wet Weight	67 kg / 75.1 kg

Policies

Warranty	1 Year Limited Warranty

PRODUCT VIEWS

SIDE VIEW



BACK VIEW



SIDE VIEW



FRONT VIEW



ASSEMBLED & DISTRIBUTED BY:



Vert Energy Africa (Pty) Ltd
28A Cnr. Avalon & Private Roads,
Westlake View Ext 12, Modderfontein,
Johannesburg, Gauteng, South Africa
General Enquiries
+27 (0)11 453 9669
info@vertgroup.co.za
www.vertgroup.co.za

DEALER DETAILS
