

505.0 kVA VOLVO-PENTA GENERATOR

FEATURES & BENEFITS

- Maximum 556.0 kVA, 400 V, 1500 RPM
- Industrial brushless alternator with AVR
- Steel baseframe, retention basin & fuel tank with sensor
- 950 litre tank for 12 hrs @ 75% Load
- Test report, manuals and electrical drawings supplied
- Modular design, open and silent version available
- Industrial silencer and coupling flange
- Electrical panel mounted on board the unit with digital control device installed in metal box
- Compact for easy handling and use
- World wide after sales service and technical support



GENERAL DATA	
Model:	V505GXHD
Continuous power (PRP):	505.0 kVA
Continuous power (PRP):	404.0 kW
Stand-by power (LTP):	556.0 kVA
Stand-by power (LTP):	444.8 kW
Power factor:	0.8
Frequency (Hz):	50 Hz
Voltage (V):	400 V
Width:	1830 mm
Length:	4500 mm
Height:	2300 mm
Weight:	0 kgs
Tank Capacity:	950 l
dBa @ 7m:	N/A

ALTERNATOR	
Alternator brand:	STAMFORD
Alternator model:	HCI5D
L.T.P. Power:	560.0 kVA
P.R.P. Power:	510.0 kVA
Connection:	Series star
Phases:	Three phases with neutral
Terminal Number:	12
IP Protection:	23
Alternate Alternator:	STAMFORD / HCI5C

ENGINE DATA	
Brand:	VOLVO-PENTA
Model:	TAD1641GE
Cylinders:	6
RPM:	1500
Cubic Capacity:	16.12
Air Intake:	Turbocharged
Standard Voltage:	24
SAE:	1-14
BMEP:	2133
Cooling:	Water
Flywheel P.R.P. Power:	430.0 kW
Flywheel Stand-by Power:	473.0 kW
Oil Qty:	48.0 l
Antifreeze Qty:	33.0 l
Heat from Radiator:	30.0 kW
Heat from Exhaust:	326.0 kW
Exhaust Temperature:	475 °C
Cooling Airflow:	365.00 m³/min
Combustion Airflow:	32.00 m³/min
Exhaust Airflow:	79.00 m³/min
TA Luft / TA Luft 2:	Standard / Not available
Stage:	Stage 2

FUEL CONSUMPTION	
Fuel Cons. at 110%:	112.0 l/h
Fuel Cons. at 100%:	101.0 l/h
Fuel Cons. at 75%:	75.0 l/h
Fuel Cons. at 50%:	51.0 l/h
Fuel Cons. at 25%:	30.0 l/h

* Specs subject to change without prior notice.
 * Measurements based on ISO8528-1 Standards
 * Picture may vary from actual product.