

650.0 kVA VOLVO-PENTA GENERATOR

FEATURES & BENEFITS

- Maximum 700.0 kVA, 400 V, 1500 RPM
- Industrial brushless alternator with AVR
- Steel baseframe, retention basin & fuel tank with sensor
- 950 litre tank for 9 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:	V650GXHD
Continuous power (PRP):	650.0 kVA
Continuous power (PRP):	520.0 kW
Stand-by power (LTP):	700.0 kVA
Stand-by power (LTP):	560.0 kW
Power factor:	0.8
Frequency (Hz):	50 Hz
Voltage (V):	400 V
Width:	1840 mm
Length:	4700 mm
Height:	2540 mm
Weight:	6450 kgs
Tank Capacity:	950 l
dBA @ 7m:	74.0 dBA

ALTERNATOR

Alternator brand:	STAMFORD
Alternator model:	HCI5F
L.T.P. Power:	738.0 kVA
P.R.P. Power:	670.0 kVA
Connection:	Series star
Phases:	Three phases with neutral
Terminal Number:	12
IP Protection:	23
Alternate Alternator:	

ENGINE DATA

Brand:	VOLVO-PENTA
Model:	TWD1644GE
Cylinders:	6
RPM:	1500
Cubic Capacity:	16.12
Air Intake:	Turbocharged
Standard Voltage:	24
SAE:	1-14
BMEP:	2860
Cooling:	Water
Flywheel P.R.P. Power:	554.0 kW
Flywheel Stand-by Power:	609.0 kW
Oil Qty:	48.0 l
Antifreeze Qty:	141.0 l
Heat from Radiator:	361.0 kW
Heat from Exhaust:	432.0 kW
Exhaust Temperature:	480 °C
Cooling Airflow:	684.00 m³/min
Combustion Airflow:	42.10 m³/min
Exhaust Airflow:	100.00 m³/min
TA Luft / TA Luft 2:	Not available / Not available
Stage:	Not available

FUEL CONSUMPTION

Fuel Cons. at 110%:	143.0 l/h
Fuel Cons. at 100%:	131.2 l/h
Fuel Cons. at 75%:	98.4 l/h
Fuel Cons. at 50%:	66.3 l/h
Fuel Cons. at 25%:	38.1 l/h

* Specs subject to change without prior notice.

* Measurements based on ISO8528-1 Standards

* Picture may vary from actual product.

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