

TS-VPG25

MARINE GENERATOR SET



GENERAL INFORMATIONS

Genset model:	TS-VPG25	Power kWe / kVA:	20 kWe / 25 kVA
Frequency:	50 Hz	Amperage:	36 A
Phases:	3	Voltage:	400 / 230 V

DIMENSION AND WEIGHT

Total length with canopy:	1316,5 mm	Total height with canopy:	800 mm
Total width with canopy:	705 mm	Dry weight with canopy:	540 kg

FUEL SYSTEM DETAILS

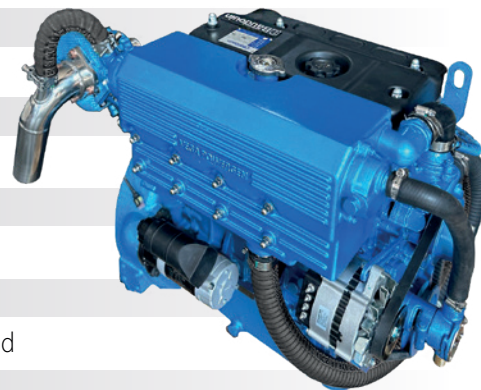
Consumption 25%:	2,4 L/H	Fuel type:	Diesel
Consumption 50%:	4,0 L/H	Fuel standards:	Fueloil diesel ASTM
Consumption 75%:	5,7 L/H	Injection pump type:	In-line
Consumption 100%:	7,6 L/H	Governor type:	Electronic Type Governor

ELECTRICAL SYSTEM

Electrical system voltage:	12 V	Battery charger absorbed power	0,5 kW
Starter power	3 kW	Battery charger current	35 A
Max. electric resistance of starting circuit	0.004 Ω	Min. sectional area of wire	50 mm ²

ENGINE DESCRIPTION

Engine brand	Moteurs Baudouin
N°of the cylinders / Valves	4 / 8
Engine RPM	1500
Number of cylinders	4
Displacement (L)	2,3
Oil capacity min/max (L)	7,1 / 9,5
Compression ratio	17,5:1
Net engine output (PRP*)	29 kWm PRP
Bore & Stroke	89 x 92 mm
Injection system	Mechanical and direct
Cooling system	Combined heat exchanger and wet exhaust manifold
Intake system	Turbocharged
Flywheel housing	SAE 3
Flywheel	11.5"



ALTERNATOR DESCRIPTION

Brand	NSM
Model	ZB132LA
AVR Type	AVR 625D
Number of poles	6
Insulation class	H
IP protection	23
Cos φ	0,8
Tropicalized	Yes



CONTROL SYSTEM

Brand :	COMAP
Power supply range :	8-36 VDC
Protection degree :	IP 65
Key features :	8 binary outputs, 8 + 1 binary inputs, 4 analog inputs RS485, 2 slots for extension plug-in modules (Modbus, internet, SMS) Extension CAN Module Remote Display Option Local / Remote Switch On / Off Switch Emergency Stop Button
Certifications and Standards :	EN 61000-6-2, EN61000-6-4, EN61010-1
Operation temperature :	-20 °C to +70 °C



Control cabinet dimension (mm) : 300 x 350 x 170

* Prime Power: rated power according to ISO 3046 and ISO 8528-1. 10% overload capacity 1 hour in 12 hours.

OPTION & ACCESORIES

- Remote Control Panel
- Remote Control Panel Cables 5m, 10m,15m, 20m
- Waterlock
- Water / Gas Seperator 60mm
- Syphon Breaker Pack
- Fuel-Water Seperator
- Sea-Water Filter
- Eart Isolation Kit
- Ready for Parallel Genset Kit
- Dry Exhaust Kit



**You can contact with us for options & accessories prices.*

TECHNICAL DRAWING (mm)

