VEGA POWERGEN

TS-VPG20

MARINE GENERATOR SET

GENERAL INFORMATIONS

Genset model:	TS-VPG20	**Power kWe / kVA:**	16 kWe / 20 kVA
Frequency:	50 Hz	**Amperage:**	28,8 A
Phases:	3	**Voltage:**	400 / 230 V

DIMENSION AND WEIGHT

Total lenght with canopy:	1277,5 mm	**Total height with canopy:**	800 mm
Total width with canopy:	675 mm	**Dry weight with canopy:**	500 kg

FUEL SYSTEM DETAILS

Consumption 25%:	2,0 L/H	**Fuel type:**	Diesel
Consumption 50%:	3,2 L/H	**Fuel standards:**	Fueloil diesel ASTM
Consumption 75%:	4,5 L/H	**Injection pump type:**	In-line
Consumption 100%:	6,1 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 mm2

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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*)	22 kWm PRP
Bore & Stroke	89 x 92 mm
Injection system	Mechanical and direct
Cooling system	Combined heat exchanger and wet exhaust manifold
Intake system	Natural
Flywheel housing	SAE 4
Flywheel	7.5"

ALTERNATOR DESCRIPTION

Brand	NSM
Model	ZB132MA
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 ℃ to +70 ℃
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.*

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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.*

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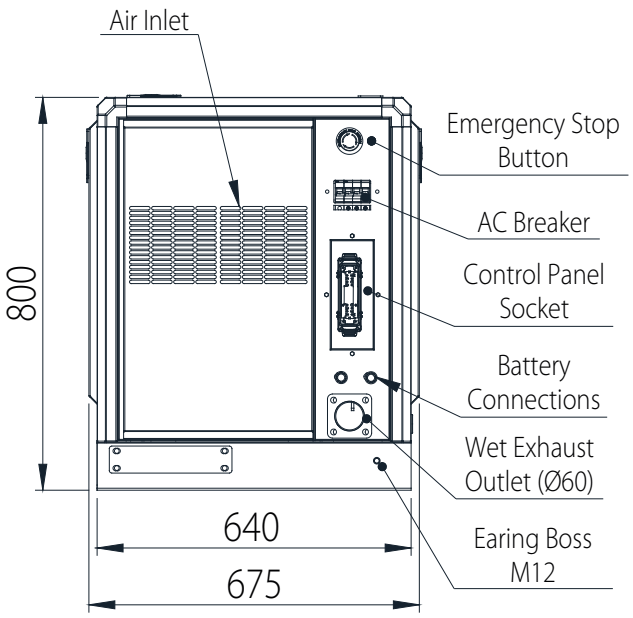
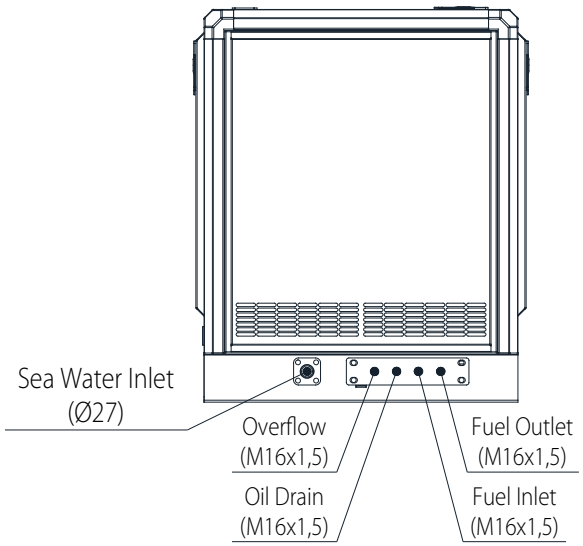
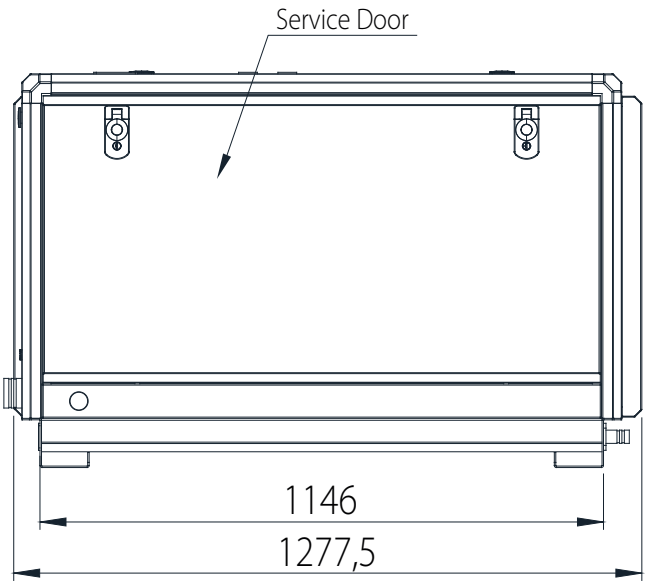
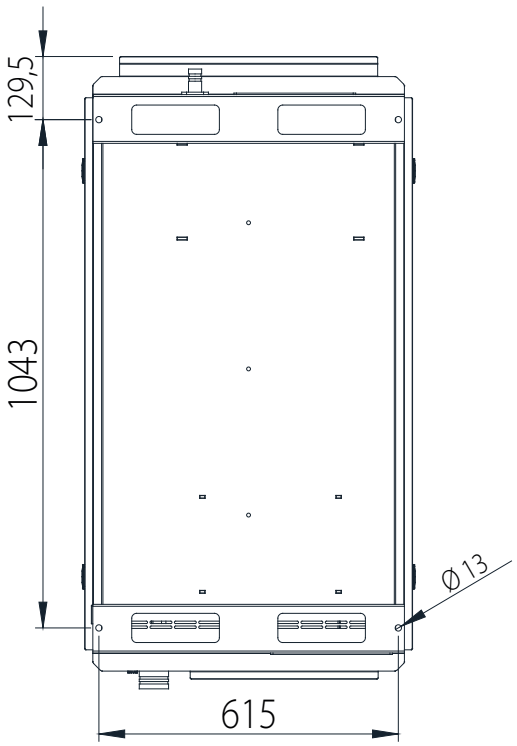
TECHNICAL DRAWING (mm)









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