

# **VOYAGER 2500 DM**

## 2 kW





#### Remote control panel

The gen-set control panel was designed to include, in one single panel, the switches, control devices and the protection devices The components are the following:

- Hour-meter.
- Start-stop button.
- Warning lamps for high temperature, low oil pressure, generator runnig, low fuel level.
- Cable 10 mt long.

#### **Engine**

- Easy access for feeding system and lubrication's maintenance
- Safety shutdown in case of low oil pressure.
- Safety shutdown in case of high water/exhaust gas temperature.
- Oil and fuel filters of easy access.

#### **Alternator**

- Synchronous, 2 poles, brushless, self-excited, self-regulated.
- Rotor and stator epoxy resin coated against external agents.
- Rotor dynamically balanced.
- Insulation class H.

### Soundproof cabin

A new project engineering design with a structure of painted steel panels with high resistance to external agents. Easy access to the inner cabin in case of maintenance services.

MOTOR	50 Hz		
Model	Yanmar L48AE		
Туре	Diesel 4 times		
Cylinders (nr.)	1		
Capacity (cc)	211		
Power (hp)	4,2		
RPM	3000		
Injection system	Direct		
Speed governor	Centrifugal, mechanical		
Lubrication system	Forced		
Oli sump capacity (It)	0,8		
Engine stop system	Solenoid		
Fuel pump	Electric		
Fuel pump discharge (cm)	70		
Fuel comsumption (lt/h)	0,8		
Starting battery (Ah-V)	45 - 12		
Starter (kW-V)	0,8 - 12		

#### ALTERNATOR 50 Hz

Туре	Synchronous type, 2-poles, auto excited		
Cooling	Air		
Voltage (V)	230		
Frequency (Hz)	50		
Max. power (kW)	2000		
Continuous power (kW)	1,9		
Battery charger (Ah-V)	10-12		
Power factor( cos ø )	1		
Insulating class	Н		
Voltage stability	±10%		
Frequency stability	±5%		

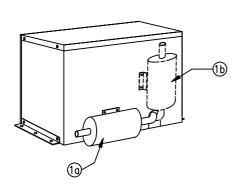
Dimensions(Len.x widthx height)	580 x 430 x 430mm		
Weight	80 Kg.		
Nois level	62 dB <sub>A</sub> a 7mt		



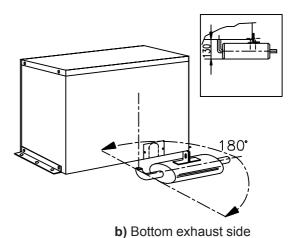
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# **Examples of muffler installations**



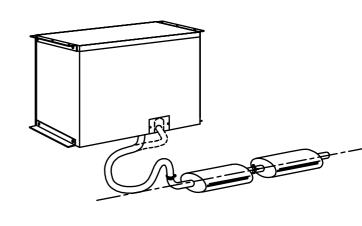


 a) Rear exhaust side Vertical muffler Horizzontal muffler



A

c) Bottom and rear exhaust side plus silencer



**d)** Muffler and silencer joined by flexible pipe

Location:			