

Model: DTL7000 – 68.50 KVA

Marine Range: 50 Hz



Connection on one side



Electronic management



Easy Maintenance



Cooling System: Sea water



Local Command



Reduced dimensions and Noise Level



Foto Indicativa / Indicative Picture
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■ Characteristics

Generating Set Model	DTL7000
Maximim Power (KVA)	68.50
Phase	Three Phase
Current (A)	99
Voltage (V)	400
Frequence (Hz)	50
Start up	Electric
Cooling System	Sea Water
Dimensions Open Version (mm)	---
Weight Open Version (Kg)	---
Dimensions Soundproof Version (mm)	1900 x 968 x 1100
Weight Soundproof Version (Kg)	775
Noise Level (dB(A) @ 7metri)	75
Air Consumption (m3/min)	---

■ Engine

Engine	JOHN DEERE
Model	4045TFM85
Cooling System	Exchanger
Round Per Minute	1500
Number of Cylinders	4
Displacement (cc)	4500
Bore (mm)	106
Stroke (mm)	127
Compression Ratio : 1	19.0
Oil Cap Capacity (l)	---
Sweet Water Pump Capacity (l)	---
Refrigerant Fluid Flow (l/min)	83
Sea Water Pump Flow (l/min)	75
Heat Discharge (kcal/min)	---
Maximum Installation Angle	---
Speed Governor	Electronic
Consumption at half load (l/h)	9.20
Consumption at full load (l/h)	17.40
Recommended Fuel	No. 2D Diesel Fuel: Spec EN 590 ASTM D975

■ Standards Applied

COELMO Generating Sets are marked CE and comply with the following regulations:
Environmental conditions 1.000mbar, 25C°, 30% relative humidity. Power referring to ISO 3046.

- Power: ISO 8528
- Directive Machinery : 2006/42/CE - 89/392CEE - 98/37/CE
- Low Voltage : 2006/95/CE - 73/23/CEE - 93/68/CEE
- Electromagnetic Compatibility : 2004/108/CE - 89/336/CEE - 93/68/CEE
- Emissions for non-road engines : 2002/88/CE - 97/68/CE (*)
- Acoustic emission : 2005/88/CE - 2000/14/CE (**)

* For non-stationary use only

** For Sound Proof Version Only

Certified Company
UNI EN ISO 9001 ISO 14001
SA 8000 ISO 45001

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COELMO®
EXCELLENCE THROUGH GENERATIONS

Model: **DTL7000 – 68.50 KVA** Marine Range: **50 Hz**

■ Alternator

Synchronous, single support, brushless 4 poles, with electronic voltage regulator, self regulated, self excited, three phase, air cooled, insulation class "H".

■ Connections

Minimum Power Cable Section (mmq)	25
Maximum Fuel Pump Priming (m)	0.80
Fuel Supply Line (Ø mm) (Ø mm)	8
Fuel Supply Refusal line (Ø mm)	6
Oil Drain Cap	---
Maximum Sea Water Pump Prevalence	1.22
Sea Water Supply Line (Ø mm)	32
Humid Outlet Pipe Line (Ø mm)	102
Maximum Exhaust Return Pressure Outlet	---
Nominal Battery Voltage (V)	12/24
Minimum Recommended Battery Capacity (CCA Rating)	625A 12V 500A 24V
Minimum Battery Cable Section (mm)	50

■ Accessories Upon Request

- Kit Remote Controller EOS 4.1
- Kit Silenced Muffler
- Kit Sea Water Intake
- Syphon Breaker
- Water Gas Separator
- Electrical Fuel Pump
- Diesel Prefilter with Decanter Filter
- Decanter Filter
- Manual Oil Etraction Pump

■ Standard Equipment

Sound Proof Canopy

Made entirely from marine grade aluminum (LEGA 5754 H111) powder coated, with a structure that forms the boundary to which are applied 5 panels complete with retractable lever locks.

EOS 4.1® Control Panel

Weatherproof control panel for engine protection with LCD display.

Generator Anchoring Brackets

Number of 4 steel brackets to fix the generator to surface of the boat.

Emergency button

Emergency button positioned on the Generating Set to allow for the immediate shutdown in case of danger or damage.

Manuals

User and installation manuals of the generating set along with relative engine and alternator user manuals.

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Control Panel EOS[®] 4.1

■ **Alarms**

- Low Oil Pressure
- High Engine Water Temperature
- High Exhaust Riser Temperature
- High Alternator Temperature
- Battery Charge Failure
- High Generator Frequency
- Low Generator Frequency
- Failure to start
- Low Battery Voltage
- High Alternator Voltage
- Low Alternator Voltage
- Generator Oveload
- Maintenance expired



■ **Measures**

- Generator Volts (V)
- Frequency (Hz)
- Ampere (A)
- Battery Volts (Vcc)
- Oil Pressure (bar)
- Engine Temperature (°C)
- Hours for maintenance

■ **Other characteristics**

- J1939 Interface
- RS485 Interface
- GSM/GPS Extension

■ **Dimensions on the dashboard**

