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**Marine Generator Set** 



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### 12М26.3 імо іі

Marine Generator Set



Number of cylinders12Bore and stroke (mm)150Total displacement (L)31CylindersV1Engine rotationcoIdle speed65Flywheel180Flywheel housingSA

12 150 x 150 31.8 V12 counter clockwise 650 18" SAE 0

Ratings				Fuel Consumption					Emissions		
				@ 100%		@ 75%		@ 50%			
Rating	Hz	kVA	kWe	RPM	g/kWh	l/h	g/kWh	l/h	g/kWh	l/h	
PRP	50	1050	840	1500	211	222	204	161	205	108	III-N/A
PRP	60	1192	954	1800	203	242	201	180	205	122	III-4(COM)

IMO II / EPA 3 versions are available without ATS

#### **Generator Sets & Auxiliary Engines**

	Power Class	Definition			
PRP	Prime Power	Unrestricted running time Time at full load ≤ 500hrs/year Load variation ≤ 75% of rated power 10% overload 1hr/12hrs			

#### Baudouin's Engine DNA: Genuine Marine Power, Efficiency & Reliability

Our genuine marine engine design is specifically engineered for marine applications, ensuring durability, performance, and seamless integration in the most demanding environments. Designed for easy maintenance, our engines feature individual cylinder heads, allowing for quick servicing and minimal downtime to ensure uninterrupted operations. Built with key components made from highly durable materials, our engines guarantee long-term reliability and endurance in every condition.

#### Power definition

(Standard ISO 3046-1:2002)

#### **Reference conditions**

Ambient temperature Barometric pressure Relative humidity Raw water temperature

25°C / 77°F	Re
100 kPa	Lo
30%R	C

25°C / 77°F

#### Fuel oil

Relative density Lower calorific power Consumption tolerances Inlet limit temperature 0,840 ± 0,005 42 700 kJ/kg ± 5% 35°C /95°F

#### Our ratings also comply with classification societies maximum temperature definition without power derating.

Ambient temperature	45°C / 113°F
Raw water temperature	32°C / 90°F

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## 12М26.3 ІМО ІІІ

Marine Generator Set

#### Dimensions and dry weight (mm/kg)



Model	L (mm)	W (mm)	H (mm)	Weight (Kg)	
GENSET ALONE	3991	1478	1662	6772	
WITH SCR	3991 - 3991	1782 - 1556	2300 - 2260	+ 2 x 193	

### Standard equipment

Cooling System	Two - stage cooling circuit with built - in HT thermostatic valve Integrated fresh water expansion tank High efficiency tubular heat exchanger Gear driven centrifugal fresh water pump Self priming raw water pump with bronze impeller				
Lubrication System	Full flow lube oil filters duplex type Fresh water cooled lube oil heat exchanger				
Fuel System	Common-rail injection High pressure pump with shielded high pressure injection rail and pipes Fuel oil filter duplex type				
Intake Air and Exhaust System	Double flow raw water cooled intake air heat exchanger module High efficiency dry turbocharger with ball bearing technology				
Electrical System	Voltage: 24V DC insulated Electrical starter 190A battery alternator				
Optional Equipment	External fuel pre-filter with w Keel cooling Additionnal pulley Electric drain system Front PTO Circuit breaker	vater separator Live PTO Close cranckase ventilation Air starter			
Generator	50/60 Hz frequency, 4 poles Insulation / heating class H/H Electronic voltage regualtion Brushless excitation IP23 Protection, marine impre Double bearing	ganation			

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