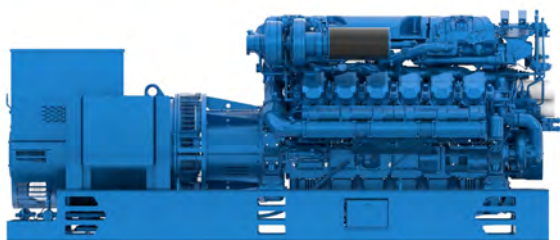


# 12M26.3 IMO II

Marine Generator Set



Number of cylinders	12
Bore and stroke (mm)	150 X 150
Total displacement (L)	31.8
Cylinders	V12
Engine rotation	Counter clockwise
Idle speed	650
Flywheel	18"
Flywheel housing	SAE 0

### Rating table

Ratings					Fuel Consumption						Emissions
					@ 100%		@ 75%		@ 50%		IMO-EPA
Rating	Hz	kVA	kWe	RPM	g/kWh	l/h	g/kWh	l/h	g/kWh	l/h	
PRP	50	1050	840	1500	197	207	213	168	219	115	II-N/A
PRP	60	1192	954	1800	199	237	204	182	218	130	II-EPA3COM)

NB: IMO III / EPA 4 / Stage V versions are also available with ATS

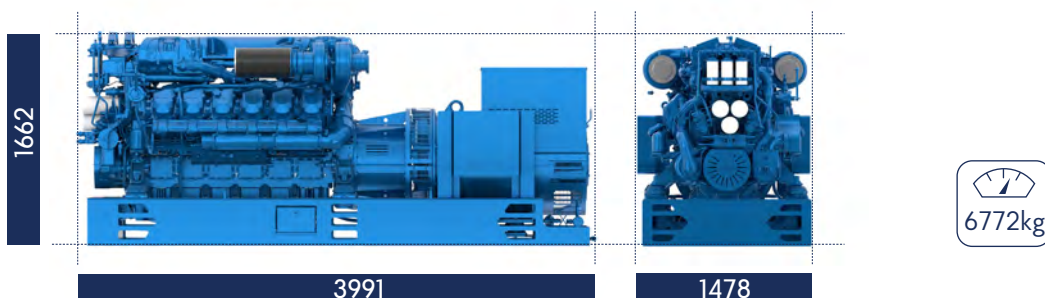
### Generator Sets Engines

Power Class		Definition
PRP	Prime Power	Unrestricted running time Time at full load $\leq$ 500hrs/year Load variation $\leq$ 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.

## Dimensions and dry weight (mm/kg)



## 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 raw 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 electronic 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 water separator  
Keel cooling  
Additional pulley  
Electric drain system  
Front PTO  
Circuit breaker  
Live PTO  
Close crankcase ventilation  
Exhaust system 2 in 1  
Air starter

### Generator

50/60Hz frequency, 4 poles  
Insulation/heating class H/H  
Electronic voltage regulation

Brushless excitation  
IP23 Protection, marine impregnation  
Double bearing

### Power definition

(Standard ISO 3046-1:2002)

#### Reference conditions

Ambient temperature	25°C / 77°F
Barometric pressure	100 kPa
Relative humidity	30%R
Raw water temperature	25°C / 77°F

#### Fuel oil

Relative density	0,840 ± 0,005
Lower calorific power	42 700 kJ/kg
Consumption tolerances	0 ± 5%
	(DIN ISO 3046-1)
Inlet limit temperature	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