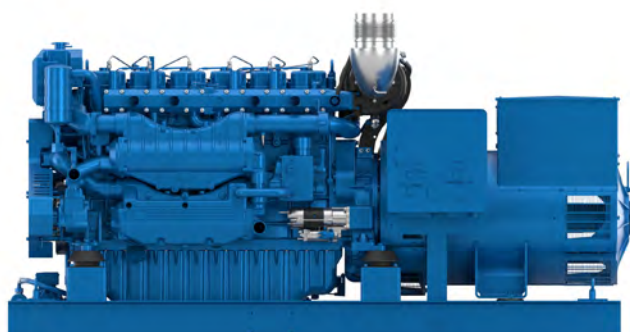




6M33.2

Marine Generator Set



Number of cylinders	L6
Bore & Stroke (mm)	150 x 185
Displacement (L)	19.6
Engine rotation	Counterclockwise
Idle speed (rpm)	700
Fly wheel	14"
Fly wheel housing	SAE 1

Rating table

Ratings					Voltage	Fuel Consumption						IMO
						@ 100%		@ 75%		@ 50%		
Rating	Hz	kVA	kWe	rpm		V	g/kWh	l/h	g/kWh	l/h	g/kWh	
PRP	50	490	472	1500	380 ~ 415	197	117	199	88	203	60	II
PRP	60	530	424	1800	440 ~ 480	205	109	205	82	205	55	II
PRP	60	630	504	1800	440 ~ 480	205	130	205	97.5	205	65	II
PRP	60	655	524	1800	440 ~ 480	215	141	210	103	214	70	II

Generator Sets Engines

Power Class		Definition
PRP	Prime Running Power	Unrestricted running time Time at full load $\leq$ 500 hours per year Load variation $\leq$ 75% of the rated power Overload available 10%: 1 hour in a 12-hours period
ESP	Emergency Standby Power	Running time (max): 200 hours per year Load variation $\leq$ 110% of the prime power Average load factor should not exceed 70% of the engine's ESP power rating

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



L (mm)	W (mm)	H (mm)	Weight (Kg)
3056 - 3076	1279 - 1405	1629	3920 - 4104

Standard equipment

Cooling System

Two-stage cooling circuit with integrated HT thermostatic valve
High efficiency heat exchanger (Tube Type) with integrated fresh water expansion tank
Belt-driven self-priming raw water pump with bronze impeller
Belt-driven centrifugal freshwater pump

Lubrication System

Duplex full-flow spin-on lube oil filters
Freshwater-cooled lube oil cooler
Mechanical oil drain pump

Fuel System

Mechanical fuel injection system
Double-wall fuel injection pipe with leakage detection system
Duplex fuel filters, replaceable while engine is running
Simplex fuel prefilter with water separator

Intake Air and Exhaust System

Fresh water cooled exhaust gas manifold
High efficiency single stage freshwater-cooled turbocharger

Electrical System

24V DC system, Insulated
Electrical starter
Battery Charger 175A

Optional Equipment

Keel Cooling configuration

Electric drain pump

Generator

50/60Hz Frequency, 4 Poles
Insulation / Heating Class H/H
Electronic voltage regulation

Brushless excitation
IP23 Protection, Marine impregnation
Single 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	± 5%
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