



4M05

Marine Canopy Genset



Number of cylinders	L4
Bore & Stroke (mm)	90 x 98
Displacement (L)	2.5
Engine rotation	Counterclockwise
Idle speed (rpm)	700
Fly wheel	SAE 3
Fly wheel housing	SAE 11"5
Sound level (dB)	73

Rating table

Ratings					Voltage	Fuel Consumption						Emissions
Rating	Hz	kVA	kWe	rpm		@ 100%		@ 75%		@ 50%		IMO
PRP	50	25	20	1500	380 ~ 415	g/kWh	l/h	g/kWh	l/h	g/kWh	l/h	N/A
PRP	50	35	28	1500	380 ~ 415	256.2	6.1	252	4.5	294	3.5	N/A
PRP	50	44	35	1500	380 ~ 415	255	8.5	240	6	276	4.6	N/A
PRP	50	44	35	1500	380 ~ 415	278.4	11.6	272	8.5	252.9	5.9	N/A

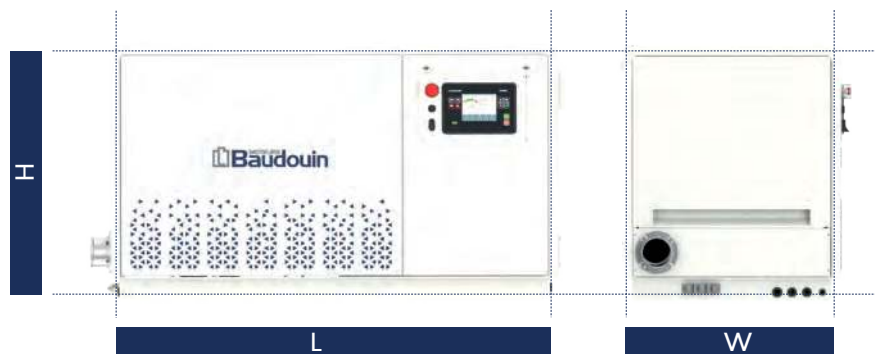
Generator Sets Engines

Power Class		
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)	Noise level
1356 - 1370	660	770	589 - 595	73 dBA

*Weight with 5% tolerance

Standard equipment

Cooling System

Integrated fresh water expansion tank
High efficiency tubular heat exchanger
Belt driven self priming raw water pump
Sea Water outlet threw exhaust elbow

Lubrication System

Full flow lube oil filters simple type
Fresh water cooled lube oil heat exchanger

Fuel System

High pressure Common Rail Electronic injection
Double layer fuel pipes with fuel leakage alarm
Electric fuel lift pump

Electrical System

A paralleling controller with 5" color display
Single and multiple gensets running
Generator parameters monitoring

Generator

50Hz frequency, 4 poles
High Efficiency
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