







Number of cylinders Bore and stroke (mm) Total displacement (L) Cylinders Engine rotation Idle speed Flywheel Flywheel housing

6 105 X 130 6.7 6 Counter clockwise 650 SAE 3 SAE 11.5"

Ratings -			Fuel Consumption					Emissions			
			@ 100%		@ 75%		@ 50%		IMO		
Rating	Hz	kVA	kWe	RPM	g/kWh	l/h	g/kWh	l/h	g/kWh	l/h	
PRP	50	100	80	1500	178	18	195	15	215	11	-
PRP	50	125	100	1500	190	24	195	19	212	14	-
PRP	50	135	108	1500	194	27	196	20	209	15	-
PRP	50	150	120	1500	192	29	196	23	207	16	-
PRP	60	115	92	1500	170	20	179	16	197	12	-
PRP	60	135	108	1800	202	28	207	22	231	16	-
PRP	60	143	114	1800	197	29	209	23	231	17	-
PRP	60	155	124	1800	196	31	205	24	220	17	11
PRP	60	170	136	1800	196	34	205	27	215	19	11

Generator Sets & Auxiliary Engines

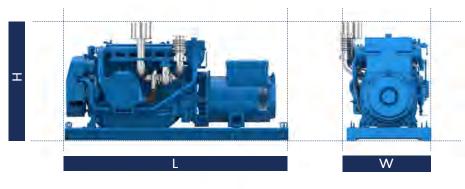
	Power Class	Definition
PRP	Prime Power	Unrestricted running time Time at full load ≤ 500hrs/year Load variation ≤ 75% of rated power 10% overload 1hr/12hrs
ESP	Emergency Standby Power	Running time 200hrs/year max Load variation 110% of Prime power Average Load factor should not exceed 70% of the engine's ESP 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.

6W105S Marine Generator Set

Dimensions and dry weight (mm/kg)



L (mm)	W (mm)	H (mm)	Weight (Kg)
2140	1042 - 1142	1066	1216 - 1248

Standard equipment

Cooling System	Integrated fresh water expansion tank High efficiency tubular heat exchanger Gear driven centrifugal raw water pump Self priming raw water pump				
Lubrication System	Full flow lube oil filters simple type Fresh water cooled lube oil heat exchanger				
Fuel System	Mechanical injection Fuel oil filter duplex type External fuel pre-filter with water separator Double wall injection bundle				
Intake Air and Exhaust System	Dry single stage turbocharger				
Electrical System	Voltage: 24V DC insulated Electrical starter 55A battery charger				
Optional Equipment	Keel Cooling configuration Wet exhaust				
Generator	50/60 Hz frequency, 4 poles Insulation / heating class H/H Electronic voltage regualtion	Brushless excitation IP23 Protection, marine impreganation Single bearing			
Power definition					

(Standard ISO 3046-1:2002)

Reference conditions

Ambient temperature
Barometric pressure
Relative humidity
Raw water temperature

25°C / 77°F 100 kPa 30%R 25°C / 77°F

Relative density Lower calorific power Consumption tolerances Inlet limit temperature

Fuel oil

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 Raw water temperature 45°C / 113°F 32°C / 90°F 3