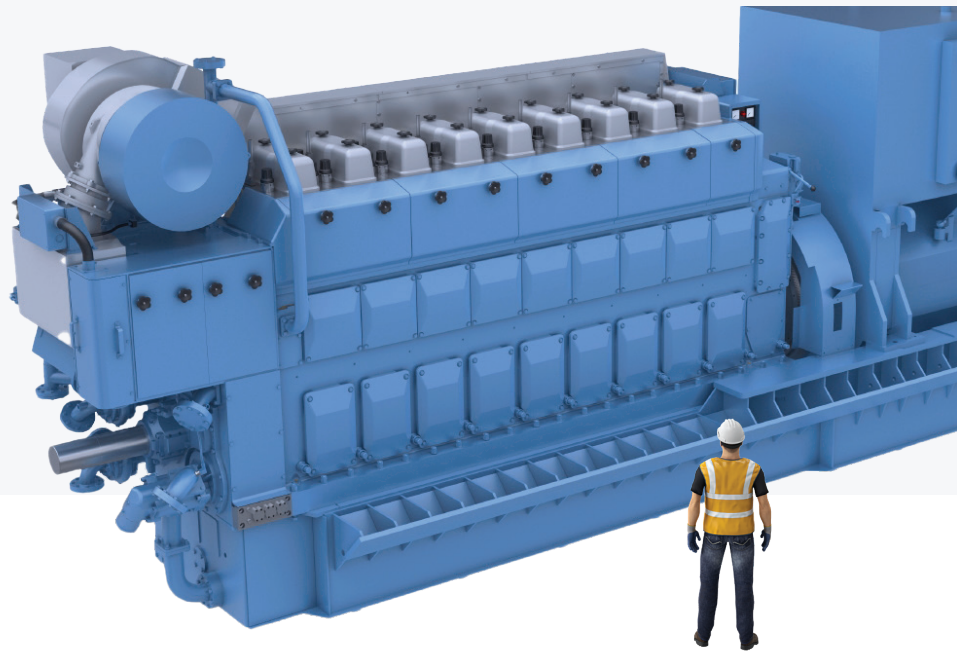


C25:33L

Generator Set

Liquid Fuel

1.8 - 2.9 MW



Trusted by Fleets Worldwide

The **Bergen C25:33L** has a compact footprint and excellent power-to-weight ratio, making it ideal for vessels requiring reliable, responsive power in tight spaces. Silent resilient mounting ensures smooth, low-vibration operation, while fast load response and stable frequency keep systems steady under changing conditions.

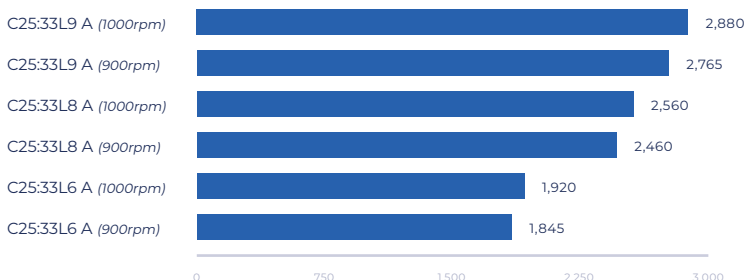
Backed by decades of proven performance, the **C25:33L** features Bergen's modular Power Pack design—combining the cylinder head, liner, piston, and connecting rod into a service-friendly unit that reduces maintenance time and cost. Variable Valve Timing further enhances efficiency and transient response, particularly in part-load operations.

With low emissions, no fuel leakage into the lubrication system, and options like a single-bearing alternator, the **C25:33L** is a clean, efficient, and durable solution trusted by operators worldwide. Built in Europe and supported 24/7 across the globe, it delivers long-term value and reliability in every application.

C25:33L Generator Set

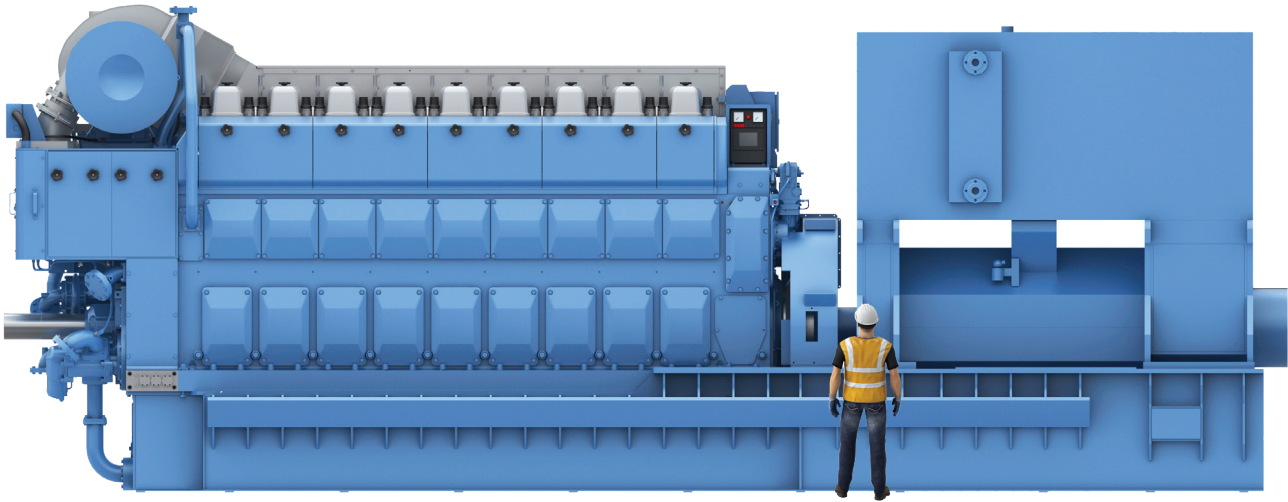
Max Cont Rating altern, h=0.96 (kWel)

Product Range



Benefits of Bergen

- Fuel Flexibility**
 Approved for use with biofuels and certified methanol/ethanol-ready. Compatible with hydrogen blends up to 25% by volume. Development ongoing for higher hydrogen concentrations and ammonia fuel concepts.
- Exceptional Fuel Efficiency & Lifecycle Costs**
- Modular, Service-Friendly Design**
- High Power Density & Installation Flexibility**
 Flexible mounting and turbo outlet options, dual-end PTO, and split genset configurations simplify ship design and yard installation.
- Proven Reliability & European Quality**
 Trusted by leading owners and navies for over 80 years.



Weight & Dimensions

	Engine Length (mm)	Engine Width (mm)	Engine Height (mm)	Engine Weight (dry, kg)	Alternator Length (mm)	Alternator Weight (dry, kg)	Total Length of Generator Set (mm)	Total Weight of Generator Set (dry, kg)
C25:33L6 A	4,360	1,945	3,120	25,349	2,700	8,400	7,060	33,749
C25:33L8 A	5,180	1,945	3,250	32,345	3,130	11,000	8,310	43,345
C25:33L9 A	5,560	1,945	3,250	38,370	3,130	11,000	8,690	49,370

Technical Data

	900 r/min			1000 r/min		
	C25:33L6 A	C25:33L8 A	C25:33L9 A	C25:33L6 A	C25:33L8 A	C25:33L9 A
Number of Cylinders	6	8	9	6	8	9
Cylinder Diameter (mm)	250	250	250	250	250	250
Piston Stroke (mm)	330	330	330	330	330	330
Engine Speed (r/min)	900	900	900	1000	1000	1000
Mean Piston Speed (m/s)	10	10	10	11	11	11
Max. Cont Rating (MCR, kW)	1,920	2,560	2,880	2,000	2,665	3,000
Max. Cont Rating Altern, h=0.96 (kWel)	1,845	2,460	2,765	1,920	2,560	2,880
Max. Cont Rating Altern, Cos f=0.8 (kVa)	2,305	3,075	3,455	2,400	3,200	3,600
Mean Effective Pressure (BMEP, bar)	26.34	26.34	26.34	24.7	24.7	24.7
Specific Lubricating Oil Consumption (g/kWh)	0.7	0.7	0.7	0.7	0.7	0.7
Specific Fuel Consumption (g/kWh)	182	182	182	185	185	185
Cooling Water Temp. Engine Outlet (°C)	90	90	90	90	90	90

GENERAL CONDITIONS

- All technical data is valid for 100% load.
- Engine power definition is according to ISO 3046-1
- Specific fuel consumption is measured on testbed according to ISO 3046-1, using diesel-oil with a net heating value of 42.7 MJ/kg and no engine driven pumps.
- Specific lub. Oil consumption is for guidance only.

DISCLAIMER

- Due to continuous development, some data may change. The information does not carry any contractual value.