

Siemens Energy Engines gas generators for marine application

SGE-S Series

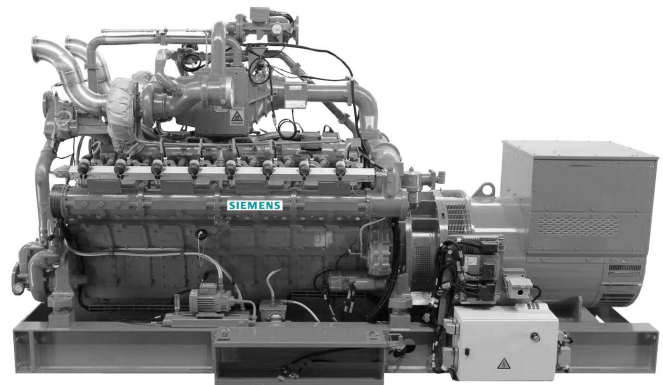
Classified Bureau Veritas (BV)

siemens-energy.com/gasengines



Scope of product

- Complete family of **SGE-SL gen sets** generating at 400/480V & control panels: SGE-18SL, SGE-24SL, SGE-36SL, SGE-48SL and SGE-56SL
- **Applications:** Auxiliary power generation and electrical propulsion – Constant speed.
- **Working speeds:** 1,500 and 1,800 rpm
- **Fuel:** LNG (Liquefied Natural Gas). Methane number from 70
- **Cooling configurations:** With mechanical and electrical water pumps
- **Water circuits T°:** 90/40 °C
- **Power rating (kWb):** See table below.



Power Ratings

	1,500 rpm		1,800rpm	
	KWm	kVA	KWm	kVA
SGE-18SL	273	320	299	350
SGE-24SL	363	430	399	470
SGE-36SL	538	635	602	715
SGE.48SL	721	860	797	955
SGE-56SL	847	1,010	933	1,110

Based on existing gas engines power ratings for the ambient conditions required in the marine market.

Dimensions and other data

Engine Dimensions	Metric units	SGE-18SL	SGE-24SL	SGE-36SL	SGE-48SL	SGE-56SL
Width	mm	945	945	1,368	1,368	1,550
Length	mm	2,020	2,612	2,637	3,143	3,000
Height	mm	1,459	1,459	1,738	1,738	2,200
Dry weight	kg	2,700	3,500	4,200	5,450	5,800

Engine Dimensions	Metric units	SGE-18SL	SGE-24SL	SGE-36SL	SGE-48SL	SGE-56SL
Width	mm	1,200	4,000	1,664	1,664	1,669
Length	mm	3,024	3,658	3,830	4,396	4,669
Height	mm	1,846	1,914	2,132	2,184	2,176
Dry weight	kg	4,000	4,940	7,230	9,225	10,000

Published by
Siemens Energy Engines S.A.U.

Oikia, 44
20759 Zumaia (Gipuzkoa) Spain
PO Box 30
Tel: (Int'l +34) 943 86 52 00
Fax: (Int'l +34) 943 86 52 10

<https://www.siemens-energy.com/gas-engines>

Subject to changes and errors. The information given in this document only contains general descriptions and/or performance features which may not always specifically reflect those described, or which may undergo modification in the course of further development of the products. The requested performance features are binding only when they are expressly agreed upon in the concluded contract.

© Siemens Energy 2021

Siemens Energy is a trademark licensed by Siemens AG