

SPECIFICATIONS



7.6 MW 2020 New MAN 6L27/38 Diesel Generator Sets

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Description

These diesel generator sets are heavy-duty, medium-speed power generation units designed for continuous and reliable operation in industrial, marine, and utility applications. Each set is powered by the MAN 6L27/38 engine—an inline six-cylinder, four-stroke diesel engine with a 270 mm bore and 380 mm stroke—equipped with turbocharging and charge air cooling for optimal efficiency and output. Rated at approximately 1,320 kW to 1,980 kW per engine in propulsion mode, in generator configuration multiple units are integrated to achieve the full 7.6 MW plant capacity. These generator sets are engineered for operation on marine diesel oil (MDO) or heavy fuel oil (HFO), feature direct fuel injection for efficient combustion, and are built to meet demanding operational schedules with long service intervals and reduced lifecycle costs.

KEY FEATURES:

- Rated Output Per Unit: 1.9 MW
- Fuel flexibility: MDO or HFO operation
- High-capacity alternators with voltage regulation and protection systems

ADVANTAGES:

- High fuel efficiency with low specific fuel consumption
- Suitable for marine auxiliary power, island grid supply, and industrial plants
- Ability to run on both distillate and residual fuels for cost optimization

Manufacturer	MAN
Model	6L27/38
Year	2020
Condition	New
Location	Asia
Qty Available	4 Units
Category	Diesel Generators
Subcategory	1 – 9 MW
Stock Number	USP009806
Wattage	7.6 MW (1.9 MW Per Unit)
Hours	Zero
Frequency	60 Hz
Fuel Type	Diesel
Voltage	690 Volts
Balance of Plant Available? (BOP)	-



Asset Photos



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