

EL[®]MARK

The Brand of Electricity

ELECTRICAL DIESEL GENERATOR EL-DG SILENT SERIES, 30KW



[GENERAL INFORMATION »](#)

Generators are machines that provide electricity when power from the local grid is unavailable. Electrical generators are used as a primary power source in areas where a local electrical grid is unavailable or difficult to access such as mining and farming operations or even new developments and construction and to supply backup power to facilities, businesses, or homes during power outages. Electrical generators don't create electricity. They convert mechanical energy into electrical power. Capturing the power of motion and turning it into electrical energy by forcing electrons from the external source through an electrical circuit. A generator is an electrical motor working in reverse. Once an electrical current has been established, it is directed through copper wires to power machines, devices, or electrical systems.

TECHNICAL DATA

- **Models:** EL-DG38/30SE- SILENT with canopy
- **Max. output:** 38kW
- **Rated output:** 30kW
- **Frequency:** 50Hz
- **Output voltage:** 220/380V
- **Phase / wire:** 3 phase / 4 wire
- **Power factor:** 0.8
- **Starting method:** Electric
- **Automatic voltage regulator (AVR):** ≤1
- **Engine Type:** Water-cooled, inline, 4-stroke, direct injection
- **Intake type:** Naturally-aspirated
- **Noise Level (7m):** 85DB
- **Fuel tank capacity:** 65L
- **Continuous running time:** 9h
- **Engine type:** Double-cylinder, vertical, 4-stroke air-cooled diesel engine
- **Combustion system:** direct injection
- **Min. specific fuel consumption at full load (g/kW.h):** ≤235
- **Dimension (LxWxH):** 2100x900x1350mm
- **Net weight:** 950kg

PRODUCT DETAILS »

Model	Rated Power (kW)	Max. Power (kW)	Fuel tank capacity (L)	Fuel consumption (g/(kW · h))	Running time (h)	Catalogue number
EL-DG38/30SE	30	38	65	≤235	9	45DG30000SE

