

ELMARK[®]

The Brand of Electricity

ELECTRICAL DIESEL GENERATORS EL-DG SERIES, 9.5KW



[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-DG10/9.5E- without canopy and EL-DG10/9.5SE- SILENT with canopy
- **Max. output:** 10kW
- **Rated output:** 9.5kW
- **Frequency:** 50Hz
- **Output voltage:** 220/380V
- **DC output:** 12V/8.3A
- **Power factor:** 1
- **Starting method:** Electric
- **Automatic voltage regulator (AVR):** Included
- **Alternator Type:** Self-excited, 2-pole, single phase alternator
- **Starting system:** Electric key start with 24Ah battery
- **Noise Level (7m)EL-DG10/9.5E:** 80-85DB
- **Noise Level (7m)EL-DG10/9.5SE:** 70-73DB
- **Fuel tank capacity:** 30L
- **Continuous running time:** 12h
- **Engine type:** Double-cylinder, vertical, 4-stroke air-cooled diesel engine
- **Combustion system:** direct injection
- **Fuel consumption rate:** ≤ 270 g/kW/h
- **Oil volume:** 2.5L
- **Panel:** 2 sockets, voltmeter, AC circuit breaker, oil alert
- **Dimension (LxWxH) EL-DG10/9.5E:** 770x540x710mm
- **Dimension (LxWxH) EL-DG10/9.5SE:** 1120x760x840mm
- **Net weight EL-DG10/9.5E:** 155kg
- **Net weight EL-DG10/9.5SE:** 205kg

PRODUCT DETAILS »

Model	Rated Power (kW)	Max. Power (kW)	Fuel tank capacity (L)	Fuel consumption (g/(kW · h))	Running time (h)	Catalogue number
EL-DG10/9.5E	9.5	10	30	≤ 270	12	45DG9500E
EL-DG10/9.5SE	9.5	10	30	≤ 270	12	45DG9500SE

