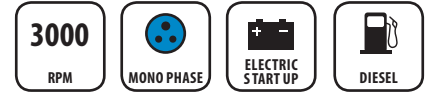




**Generating Set
Diesel - Electric start up**

GE.ECHO 110 K DM AE



Technical data

Standard voltage	V	230
Power	kVA	10
Active power	kW	8
Speed	rpm	3000
Frequency	Hz	50
Current	A	35
Voltage accuracy	V	+/- 5%
Frequency accuracy	Hz	+/- 4%

General data

Start-up	Type	Electric
Sound pressure level @ 7 mt	dba	80
Tank	Lt	13
Fuel consumption @ 4/4 load	Lt/H	1,8
Battery capacity (recommended)	Ah	45
Exhaust pipe diameter	Mm	35
Dimensions (LxWxH)	Mm	850 x 520 x 750
Dry weight	Kg	145

Engine

Brand	-	KOHLER
Model	-	KD330
Cooling	Type	Air
Cycle	Type	Diesel 4-stroke
Mechanical power	KWm	12
No cylinders / arrangement	-	2 - L
Brore x stroke	Mm	80 x 65
Displacement	Cm ³	654
Speed governor	Type	Mechanical

Alternator

Phases	-	1 + N
Degree of protection	-	IP21
Cooling	-	Air forced
Voltage regulator	Type	Condenser
Waveform distortion	%	<5

Environmental conditions

Temperature	°C	25
Relative humidity	%	30
Maximum altitude	Mt	1000



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EQUIPMENT

- Forklift chassis with integrated anti-tip
- Raised chassis
- Easy start-up
- Alternator stabilized, high performance
- Handle for short displacements
- Start battery
- Easy maintenance
- Anti-vibrating mounting pads

CONTROL PANEL ON BOARD

- n.1 CEE socket 16 A 2P + T
- n.1 CEE socket 32 A 2P + T
- Thermal circuit breaker
- LED Voltmeter
- Hourcounter
- Magnetothermal
- Protection system to electrical separation



DOCUMENTATION

- User and maintenance manual
- EC Declaration of Conformity

OPTIONALS

- Exhaust flexible pipe kit
- Off road trailer kit
- Remote control from 20 to 50m.
- Additional tank 20 lt
- Remote control Connector: O.G-CNA-01
- Automatic Transfer switch + GS interface: QA.MPE.017B



The QAMPE panel permits the control and the management of the generating sets in case of emergency with the main. It controls the main, the engine and the battery and intervenes in case of necessity. It is also provided with a manual command in case of electronic breakdown that keeps active the protections of the generating set. It get ready for remote control and is equipped with a powerful and precise battery charger.