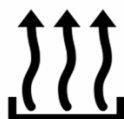




STROM



WÄRME



KÄLTE



LICHT



USV



Echo portable

**Generating Set
Diesel - Electric start up**

GE.ECHO 130 K DT AE



Technical data

Standard voltage	V	230	400
Power	kVA	8,5*	13
Active power	kW	6,8	12
Speed	rpm	3000	
Frequency	Hz	50	
Current	A	29	19
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	2,9
Battery capacity (recommended)	Ah	45
Exhaust pipe diameter	mm	35
Dimensions (LxWxH)	mm	850 x 520 x 750
Dry weight	Kg	178

Engine

Brand	-	KOHLER
Model	-	KD 425
Cooling	type	Air
Cycle	type	Diesel 4-stroke
Mechanical power	KWm	14
No cylinders / arrangement	-	2- L
Bore x stroke	mm	80 x 75
Displacement	cm3	851
Speed governor	type	Mechanical

Alternator

Phases		3 + 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

EQUIPMENT

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

CONTROL PANEL ON BOARD

- n.1 EC socket 16 A 2P + T
- n.1 EC socket 16 A 3P + N + 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
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.