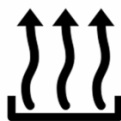




STROM



WÄRME



KÄLTE



LICHT



USV



Generating Set Gasoline - Electric start up

GE.ECHO 110 K DT AE



Technical data

| | | | |
|--------------------|-----|---------------|------------|
| Standard voltage | V | 230 | 400 |
| Power | kVA | 6,5* | 10 |
| Active power | kW | 5,2 | 8 |
| Speed | rpm | 3000 | |
| Frequency | Hz | 50 | |
| Current | A | 22 | 14 |
| 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 |
| Bore x stroke | mm | 80 x 65 |
| Displacement | cm3 | 654 |
| 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.