



GENERATING SET GE 4500 MI

The images are for reference



FEATURES

- Automatic voltage regulation
- Engine stop due to low oil level
- ESC (Engine Speed Control) function
- Electric and manual start
- Sockets: 2x230V 16 ° 2P + T Schuko
- Overload protection
- Battery charger with thermal protection
- Parallel output with a second generator
- N ° 2 USB ports
- Manual trolley with retractable handle
- Compliant with CE directives



air cooled



petrol



single-phase power



manual recoil



electric starter

| POWER RATINGS | |
|-------------------------------|-------------------------|
| * Stand-By single-phase power | 4.2 kW / 230 V / 18.3 A |
| * PRP single-phase power | 3.8 kW / 230 V / 16.5 A |
| Frequency | 50 Hz |
| Cos φ | 1 |

* Output powers according to ISO 8528-1

DEFINITION

Valid declared powers up to the followings environmental conditions: temperature 25°C, altitude 100 meters above sea level

LTP power: stand-by power: Maximum available power for use with variable loads for a yearly number of hours limited at 500 h. No overload is admitted.

PRP power: continue power with variable loads. Maximum power for use with variable loads for a yearly illimited nubers of hours.

COP power: continuous power with constant load. Maximum power for use with constant loads for a yearly unlimited numbers of hours.

VARIABLE SPEED MOTOR (MAX. 3600 RPM)

| 4 STROKE, OHV, NATURAL ASPIRATED | |
|--|-----------------------------------|
| Model | GK 225 |
| * Stand-By net power | 4.5 kW (3600 rpm) |
| * PRP net power | / |
| * COP net power | / |
| Cylinders / Displacement | 1 / 223 cm ³ (0.223 l) |
| Bore / Stroke | 70 x 58 |
| Compression ratio | 8.7:1 |
| BMEP (Brake Mean Effective Pressure : LTP - PRP) | / |
| Speed governor type | / |
| FUEL CONSUMPTION | |
| 110 % (Stand-by power) | / |
| 100 % to PRP | 1.8 l/h |
| 75 % to PRP | 1.4 l/h |
| 50 % to PRP | 1 l/h |
| COOLING SYSTEM | Air |
| Total system cap. - only engine | / |
| Fan air flow | / |
| LUBRICATION SYSTEM | |
| Total oil system capacity | / |
| Oil capacity in sump | 0.55 lt. |
| Oil consumption at full load | / |

* Output powers according to ISO 3046-1

| EXHAUST SYSTEM | |
|-----------------------------------|---|
| Maximum exhaust gas flow | / |
| Max. exhaust gas temp. | / |
| Maximum back pressure | / |
| External diameter exhaust pipe | / |
| ELECTRICAL SYSTEM | / |
| Starter motor power | / |
| Battery charging alternator cap. | / |
| Cold start | / |
| With cold start aid | / |
| AIR FILTER | / |
| Combustion air flow | / |
| HEAT REJECTED AT FULL LOAD | |
| To exhaust system | / |
| To water and oil | / |
| Radiated to room | / |
| To charge cooler | / |

ALTERNATOR

PERMANENT MAGNET, SELF-EXCITED, SELF-REGULATED, BRUSHLESS

| | |
|---------------------------|-------|
| Waveform distortion - THD | ≤ 2 % |
|---------------------------|-------|

GENERAL SPECIFICATIONS

| | |
|---------------------------|--------|
| Fuel tank capacity | 12 lt. |
| Running time (75% to PRP) | 8.5 h |
| Starter battery | 0.8 Ah |
| IP protection degree | IP 23 |

| | |
|--|------------------------------|
| * Measured acoustic power LwA (pressure LpA) | 91.8 dB(A) (66.8 dB(A) @ 7m) |
| * Guaranteed acoustic power LwA (pressure LpA) | 92 dB(A) (67 dB(A) @ 7m) |
| Performance class (ISO 8528) | G2 |

* Acoustic power according to European Directive 2000/14/CE

CONTROL PANEL

- Electric start button
- Pull start
- 3-position switch: ON-OFF motor
 - Fuel tap
 - Air control
- ESC (Engine Speed Control) switch
- Generator LED OK
- Overload led
- Low oil level led
- Output sockets: 2x 230V 16A 2P + T Schuko
- Thermal circuit breaker for 230V / 16A socket protection
- 12 Vdc socket (battery charger)
- Thermal circuit breaker for 12Vdc output protection
- N ° 2 USB ports (1x5V1A - 1x5V 2.1A)
- Parallel output
- Earth terminal (PE)

Generating set pictured may include optional accessories.



DRY WEIGHT MACHINE:

- 42 kg



DIMENSIONS:

- 605x432x500 mm



OPTIONS ON REQUEST

- Parallel Kit



VERSIONS ON REQUEST

- /



FACTORY INSTALLATION OPTIONS

- /

GENERAL INFORMATION

COMPLIANCE GENERATING SETS WITH EC DIRECTIVES AND STANDARDS

2006/42 / EC (Machines Directive)
 2014/35 / EU (Low Voltage Directive)
 2014/30 / EU (EMC Directive)
 2000/14 / EC (Directive Acoustic Emission for machines for use outdoors)
 ISO 8528 (Reciprocating internal combustion engine driven alternating current generating sets)



ISO 9001:2015 - Cert. 0192

WARRANTY

All devices are covered by the manufacturer's warranty.

The company reserves the right to change this specification without notice. For further information please contact the sales department.

© MOSA - Viale Europa, 59 - 20090 Cusago (Milano) - Italy - phone +39-0290352.1 - fax + 39-0290390466 E-mail: info@mosa.it Web site: www.mosa.it

