GENERATING SET
GE 4500 MI-EAS

The images are for reference

ENGINE STAGE 5

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
- Ready for connection to automatic transfer unit EAS
- Compliant with CE directives

air cooled	petrol	single-phase power	manual recoil	electric starter

POWER RATINGS

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* 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 cm³ (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	/

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ALTERNATOR

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

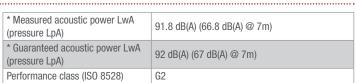* Acoustic power according to European Directive 2000/14/CE

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:
- 605×432×500 mm

OPTIONS ON REQUEST
- Parallel Kit
- Automatic transfer unit EAS-CM40

VERSIONS AVAILABLE

CR4000F1	STANDARD
MCR4000F10000	AUTOMATIC TRANSFER UNIT EAS-CM40

GENERAL INFORMATION

COMPLIANCE GENERATING SETS WITH EC DIRECTIVES AND STANDARDS
2006/42/EC (Machinery Directive)
2014/35/EU (Low Voltage Directive)
2014/30/EU (Electromagnetic Compatibility Directive)
ISO 8528-13:2016 (Alternating current generator sets powered by reciprocating internal combustion engines, Part 13: Safety)
2000/14/EC (Noise Emissions Directive for machines used for outdoor use)
EN 60204-1:2018 (Safety of machinery - Electrical equipment of machines, Part 1: General rules)
EN ISO 12100:2010 (Safety of machinery - General design principles - Risk assessment and risk reduction)

ICIM CISQ ACCREDIA
ISO 9001:2008 - Cert. 0192
WARRANTY
All devices are covered by the manufacturer's warranty.

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