



# **GENERATING SET GE 2000 MI**

The images are for reference



POWER RATINGS		
* Stand-By single-phase power	2 kW / 230 V / 8.7 A	
* PRP single-phase power	1.8 kW / 230 V / 7.8 A	
Frequency	50 Hz	
Cos φ	1	

<sup>\*</sup> Output powers according to ISO 8528-1

## **FEATURES**

- Automatic voltage regulation
- · Engine stop due to low oil level
- ESC (Engine Speed Control) function
- Sockets: 1x230V 16A 2P + T Schuko
- Overload protection
- Battery charger with thermal protection
- · Parallel output with a second generator
- N ° 2 USB ports
- · Compliant with CE directives









air cooled

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gle-phase manua power

#### **DEFINITION**

Valid declared powers up to the followings environmental conditions: temperature  $25^{\circ}\text{C}$ , 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.

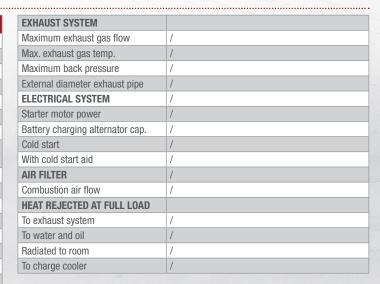
**PRP power:** continue power with variable loads. Maximum power for use with variable loads for a yearly illimited nubers of hours.

**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. 5500 RPM)

4 STROKE, OHV, NATURAL ASPIRATED	
Model	GK 80-i
* Stand-By net power	2.5 kW (5500 rpm)
* PRP net power	/
* COP net power	1
Cylinders / Displacement	1 / 79.7 cm <sup>3</sup> (0.797 l)
Bore / Stroke	48.6 x 43
Compression ratio	/
BMEP (Brake Mean Effective Pressure : LTP - PRP)	/
Speed governor type	/
FUEL CONSUMPTION	
110 % (Stand-by power)	/
100 % to PRP	1.25 l/h
75 % to PRP	0.94 l/h
50 % to PRP	0.625 l/h
COOLING SYSTEM	Air
Total system cap only engine	/
Fan air flow	/
LUBRICATION SYSTEM	
Total oil system capacity	/
Oil capacity in sump	0.35 lt.
Oil consumption at full load	/

 $<sup>^{\</sup>star}$  Output powers according to ISO 3046-1  $\,$ 









## **A**LTERNATOR

PERMANENT MAGNET, SELF-EXCITED, SELF-REGULATED, BRUSHLESS	
Waveform distorsion - THD	≤ 2 %

## **GENERAL SPECIFICATIONS**

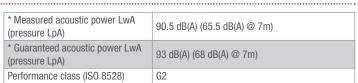
Fuel tank capacity	5 lt.
Running time (75% to PRP)	5.3 h
Starter battery	/
IP protection degree	IP 23

## CONTROL PANEL

- Manual recoil
- · Fuel tank cap vent lever
- Fuel level indicator
- 3-position switch: motor ON-OFF

Fuel tap Choke

- ESC switch (Engine Speed Control)
- Generator LED OK
- Overload led
- · Low oil level led
- Output sockets: 1x 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)



<sup>\*</sup> Acoustic power according to European Directive 2000/14/CE

Generating set pictured may include optional accessories.



## DRY WEIGHT MACHINE:

• 22 kg



#### DIMENSIONS:

• 498 x 298 x 459 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 )



WARRANTY

All devices are covered by the manufacturer's warranty.

BCS