



# **GENERATING SET** GE 3500 MI

The images are for reference



POWER RATINGS		
* Stand-By single-phase power	3.4 kW / 230 V / 14.8 A	
* PRP single-phase power	3.2 kW / 230 V / 13.9 A	
Frequency	50 Hz	
Cos φ	1	

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

#### **FEATURES**

- Automatic voltage regulation
- · Engine shutdown due to low oil level
- ESC function (Engine Speed Control)
- · Electric and manual start
- Sockets: 2x230V 16A 2P+T Schuko
- Overload protection
- · Battery charger with thermal protection
- Output for parallel with a second generator
- 2 USB ports
- · Compliant with CE directives











air cooled

petrol

single-phase power

e manual recoil

starte

#### 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.

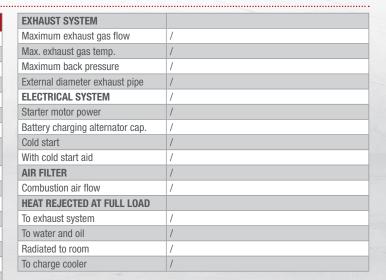
**PRP power:** continue power with variable loads. Maximum power for use with variable loads for a yearly illimited nubers of hours.

**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. 4000 RPM)

4 STROKE, OHV, NATURAL ASPIRATED	
Model	GK 160Vi
* Stand-By net power	4 kW (4000 rpm)
* PRP net power	/
* COP net power	1
Cylinders / Displacement	1 / 163 cm <sup>3</sup> (0.163 l)
Bore / Stroke	62 x 54
Compression ratio	/
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	1.45 l/h
50 % to PRP	1.1 l/h
COOLING SYSTEM	Air
Total system cap only engine	/
Fan air flow	/
LUBRICATION SYSTEM	
Total oil system capacity	/
Oil capacity in sump	0.45 lt.
Oil consumption at full load	/

<sup>\*</sup> Output powers according to ISO 3046-1









### **A**LTERNATOR

PERMANENT MAGNET, SELF-EXCITED, SELF-REGULATED, BRUSHLESS	
Waveform distorsion - THD	≤ 3 %

## **GENERAL SPECIFICATIONS**

Fuel tank capacity	8 lt.
Running time (75% to PRP)	5.5 h
Starter battery	0.8 Ah
IP protection degree	IP 23

# CONTROL PANEL

- · Electric start button
- Pull start
- 3-position switch: engine ON-OFF/ Fuel tap/ Choke 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)

* Measured acoustic power LwA (pressure LpA)	90.2 dB(A) (65.2 dB(A) @ 7m)
* Guaranteed acoustic power LwA (pressure LpA)	92 dB(A) (67 dB(A) @ 7m)
Performance class (ISO 8528)	G2

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

Generating set pictured may include optional accessories.



#### DRY WEIGHT MACHINE:

• 28.5 kg



#### DIMENSIONS:

• 580×345×520 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.

BCS

