

# MES5000 230V 50Hz

ENERGY AT FAIR PRICE



Simple professional generator. Pramac has designed this generator to ensure a high performance level at attractive price. Powerful and strong generator; easy to maintain, it will be soon essential to all your activities.

### Main Features

Frequency	Hz	50
Voltage	V	230
Power factor	cos $\phi$	0.9
Phase		1

### Power Rating

Emergency Standby Power ESP	kVA	5.1
Emergency Standby Power ESP	kW	4.6
Continuous power COP	kVA	4.2
Continuous power COP	kW	3.9

### Ratings definition (ISO-8528)

**ESP** - Emergency Standby Power:

It is the maximum power available during a variable electrical power sequence, under the stated operating conditions, for which a generating set is capable of delivering in the event of a utility power outage or under test conditions for up to 200 h of operation per year with the maintenance intervals and procedures being carried out as prescribed by the manufacturers. The permissible average power output over 24 h of operation shall not exceed 70 % of the ESP.

**COP** - Continuous Power:

It is defined as being the maximum power which a generating set is capable of delivering continuously for an unlimited number of hours, with the maintenance intervals and procedure being carried out as prescribed by the manufacturers.

### Engine specifications

Engine Brand		Honda
Model		GX270 Recoil
Engine cooling system		Air
Displacement	cm <sup>3</sup>	270
Aspiration		Natural
Operating Speed-Nominal	rpm	3000
Speed governor		Mechanical
Fuel		Petrol
Oil capacity	l	1.1
Starting system		Recoil

### Alternator Specifications

Alternator		NSM
Type		Brushless
Class		H
IP protection		23
Poles		2
Frequency	Hz	50
Voltage	V	230
Voltage regulation system		Capacitor
Voltage tolerance	% +5, - 10 (cosφ1)	

### Dimensional data

Length	(L) mm	750
Width	(W) mm	543
Height	(H) mm	520
Dry weight	kg	61
Fuel tank capacity	l	5.3

### Autonomy

Fuel consumption at 75% of Load	l/h	1.67
Fuel consumption at 100% of Load	l/h	2.22
Running time at 75% of load	h	3.17
Running time at 100% of load	h	2.39



## GENSET CONTROL

### COMMANDS:

- Selector switch: OFF - ON
- Starting systems: Recoil
- Fuel Cock

### PROTECTIONS STANDARD:

- Thermal protection
- Oil Guard

### SOCKET TYPE

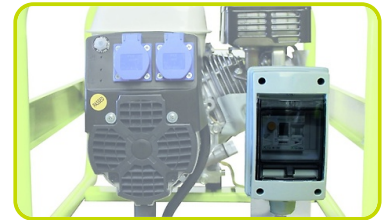
SCHUKO 230V 16A IP54	1
2P+T CEE 230V 16A IP44	1

## SUPPLEMENTS CONTROL (Available when ordered)

### Electrical box DPP + HM

Extra Protection with:

- Differential protection 30mA
- Circuit breaker
- Hourmeter



## ACCESSORIES

### TRANSPORTATION KIT

- With fix handles



- With folding handles

