

P6500W 2P 240/120V 60HZ



Genset image for illustration purposes only

Technical data

Voltage	(V)	240/120
Frequency		60
Engine		AC390FD
Alternator		GA6500W
Exhaust emission Level		EPA2
Performance class		G1
Acoustic power LwA	dB(A)	97
Acoustic pressure LpA a 7 m	dB(A)	73

Mechanical structure

Length (L)	(mm)	681
Width (W)	(mm)	546
Height (H)	(mm)	550
Weight	(kg)	79
Fuel tank capacity	(l)	25
Wheels and handles		NO

Engine

General

Engine Brand	AC
Engine Model	AC390FD
R.P.M.	3600
Power (C.V.)	5,5
Fuel	Petrol
No. of cylinders	1
Displacement	389
Bore (mm)	88
Stroke (mm)	64
Compression ratio	8.0:1
Regulation type	Mechanical
Exhaust emission Level	EPA2

Lubrication System

Oil capacity	1,1
Engine Oil Guard	Yes

Air intake system

Air filter	Light duty
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Cooling System

Cooling type	Air
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Starting system

Recoil	YES
Electric 12V	YES

Power ratings

Prime	Prime	Standby	Standby
kVA	kW	kVA	kW
5	5	5,5	5,5

Fuel tank

Level sensor	YES
Fuel tank capacity	(l) 25

Fuel consumption table

Load level	PRIME (L/h)	Aut. (h)
25%	-	-
50%	2,2	11,3
75%	2,4	10,2
100%	2,7	9,4
110%	-	-

NOTE: range according to the standard configuration.

Alternator

Alternator brand	AC
Alternator Model	GA6500W
Peak power 163°/27°	kVA 5,5
Poles	2
Excitation system	AVR
Performance at 100% p.f. 0.8 (%)	80,5

Main features and options

Mains features

- Recoil start
- Large fuel tank
- Electrical key start (12V)
- Automatic Voltage Regulation (AVR)
- Circuit breaker
- Sockets
- Engine Oil Guard
- Fuel Cock
- CE noise compliance
- Hourmeter
- Wheel kit

Sockets configuration

Sockets 30 A 120/240 V	1
Sockets 20A 120 V	4

Options

Regulations:

The generator set has a CE Marking that includes the following directives:

- 2006/42/CE Machine Safety.
- 2006/95/CEE Low Voltage.
- 2004/108/CE Electromagnetic compatibility.
- 97/68/CE Gases and contaminating particles emissions.
- 2005/88/CE Noise emission in the environment by equipment for use outdoors.

Definitions

Prime Rating

PRIME POWER: Electrical power data available at a variable load without limits of hours per year. An overload of 10 % is allowed for 1 hour of every 12. In accordance with ISO 8528/1 (2005) – PRP

Standby

STANDBY POWER: Electrical power data at variable load in an emergency in accordance with standard ISO 8528/1 (2005) – ESP. Overloads of emergency power are not allowed.

Standard reference conditions

25 °C, 100 kPa and 30% relative humidity

Grupos Electrógenos Europa, S.A. is a certified company with ISO 9001, ISO 14001, OHSAS 18001 and PECAL

Atlas Copco reserves the right to modify any characteristic of their equipment without prior warning.

All products are designed and engineered in Zaragoza Competence Center

Weight and dimensions of a standard generator set.

Non-contractual document

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