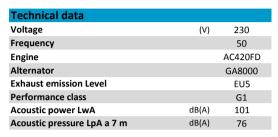


P 8000 AP S5 50Hz 230V



Mechanical structure		
Length (L)	(mm)	680
Width (W)	(mm)	550
Height (H)	(mm)	550
Weight	(kg)	83
Fuel tank capacity	(1)	25
Wheels and handles		NO



Genset Image for illustration purposes only

Power ratings			
Prime	Prime	Standby	Standby
kVA	kW	kVA	kW
6	6	6	6

Fuel tank		
Level sensor		YES
Fuel tank capacity	(I)	25

Engine

General	
Engine Brand	AC
Engine Model	AC420FD
R.P.M.	3000
Power (C.V.)	6,5
Fuel	Petrol
No. of cylinders	1
Displacement	420
Bore (mm)	90
Stroke (mm)	66
Compression ratio	8.0:1
Regulation type	Mechanical
Exhaust emission Level	EU5

Lubrication System	
Oil capacity	1,1
Engine Oil Guard	Yes
Air intake system	
Air filter	Light duty

Cooling System	
Cooling type	Air
Starting system	
Recoil	YES

Fuel consumption table

Load level	PRIME Aut. (h	
	(L/h)	
25%	-	-
50%	2,2	11,3
75%	2,6	9,6
100%	3,7	6,8
110%	1	-

NOTE: range according to the standard configuration.

Alternator

Alternator brand	AC
Alternator Model	GA8000
Peak power 163°/27° kVA	6
Poles	2
Excitation system	AVR
Performance at 100% p.f. 0.8 (%)	80.5

Electric 12V

YES

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 valve
- Hourmeter
- Wheel kit

Soci	Lote	configu	iration
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SCHUKO 230V 16A IP54

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2P+T CEE 230V 32A IP44

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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.
- 2016/1628/CE requirements relating to gaseous and particulate pollutant emission limits and type-approval for internal combustion engines for non-road mobile machinery.

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

 $\textit{Grupos Electr\'ogenos Europa, S.A. is a certified company with ISO 9001, ISO 14001, OHSAS 18001 and PECAL Company and PECAL Company with ISO 9001, ISO 14001, OHSAS 18001 and PECAL COMPANY AND ADMINISTRATION OF THE PECAL COMPANY AND ADMINISTRA$

 $At las\ Copco\ reserves\ the\ right\ to\ modify\ any\ characteristic\ of\ their\ equipment\ without\ prior\ warning.$

All products are designed and engineered in Zaragoza Competence Center

Weight and dimensions of a standard generator set.

Non-contractual document

Atlas Copco Power and Flow

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DISTR	IBU ¹	ΓED	BY:

817002310

P 8000 AP S5 50Hz 230V_2020EN1.0

Please, contact your local Atlas Copco Dealer for more information and visit us at www.atlascopco.com