

# P8000W 2PH 240/120V 60HZ



Genset image for illustration purposes only

## Technical data

|                             |       |         |
|-----------------------------|-------|---------|
| Voltage                     | (V)   | 240/120 |
| Frequency                   |       | 60      |
| Engine                      |       | AC420FD |
| Alternator                  |       | GA8000W |
| Exhaust emission Level      |       | EPA2    |
| Performance class           |       | G1      |
| Acoustic power LwA          | dB(A) | 101     |
| Acoustic pressure LpA a 7 m | dB(A) | 76      |

## Mechanical structure

|                    |      |     |
|--------------------|------|-----|
| Length (L)         | (mm) | 680 |
| Width (W)          | (mm) | 550 |
| Height (H)         | (mm) | 550 |
| Weight             | (kg) | 83  |
| Fuel tank capacity | (l)  | 25  |
| Wheels and handles |      | NO  |

## Engine

### General

|                        |            |
|------------------------|------------|
| Engine Brand           | AC         |
| Engine Model           | AC420FD    |
| R.P.M.                 | 3600       |
| Power (C.V.)           | 7          |
| 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 | EPA2       |

### 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 |
| Electric 12V | YES |

## Power ratings

| Prime | Prime | Standby | Standby |
|-------|-------|---------|---------|
| kVA   | kW    | kVA     | kW      |
| 6,5   | 6,5   | 7       | 7       |

## Fuel tank

|                    |        |
|--------------------|--------|
| Level sensor       | YES    |
| Fuel tank capacity | (l) 25 |

## Fuel consumption table

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

NOTE: range according to the standard configuration.

## Alternator

|                                  |         |
|----------------------------------|---------|
| Alternator brand                 | AC      |
| Alternator Model                 | GA8000W |
| Peak power 163°/27°              | kVA 6,5 |
| Poles                            | 2       |
| Excitation system                | AVR     |
| Performance at 100% p.f. 0.8 (%) | 80,5    |

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## 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
- 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.

### 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

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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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