

QEP R5 50Hz 1p AVR ITR 12V

QEP Range



Genset image for illustration purposes only

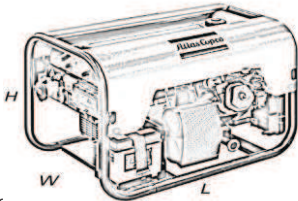
Technical data

| | | |
|-----------------------|-------------|----------|
| Voltage | (V) | 230 |
| Frequency | (Hz) | 50 |
| Fuel | | Gasoline |
| Performance class | | G1 |
| Acoustic pressure LpA | (dB(A) @7m) | 69 |
| Acoustic power LwA | (dB(A)) | 97 |

Mechanical structure

| | | |
|--------------------|------|----------|
| Length (L) | (mm) | 842 |
| Width (W) | (mm) | 523 |
| Height (H) | (mm) | 557 |
| Weight | (kg) | 68 |
| Fuel tank capacity | (l) | 18 |
| Wheels and handles | | Optional |

Dimensions



Note: These dr

Power ratings

| Prime | Prime | Standby | Standby |
|--------------|-------|---------|---------|
| kW | kVA | kW | kVA |
| 3.9 | 4.2 | 4.8 | 5.3 |
| Power factor | | | 0.9 |

Fuel consumption table

| Load level | PRIME | Aut. (h) |
|------------|-------|----------|
| | (L/h) | |
| 75% | 1.66 | 10.84 |
| 100% | 2.22 | 8.11 |

Engine

General

| | | |
|------------------|--------------------|----------|
| Engine Brand | | Honda |
| Engine Model | | GX270 |
| R.P.M. | | 3000 |
| Net Power | (kWm) | 5.70 |
| Fuel | | Gasoline |
| No. of cylinders | | 1 |
| Displacement | (cm ³) | 270 |
| Regulation type | | Mechanic |

Lubrication System

| | | |
|------------------|-----|-----|
| Oil capacity | (l) | 1.1 |
| Engine Oil Guard | | YES |

Cooling System

| | | |
|--------------|--|-----|
| Cooling type | | Air |
|--------------|--|-----|

Starting system

| | |
|--------------|-----|
| Recoil | YES |
| Electric 12V | YES |

Alternator

| | | |
|-----------------------------|-------|---------|
| Alternator brand | | NSM |
| Alternator model | | KR100E |
| IP alternator | | IP23 |
| Peak power 163°/27° | (kVA) | 4,54 |
| Poles | | 2 |
| Excitation system | | AVR |
| | | Brushes |
| Efficiency at 100% 125°/40° | (%) | 72 |

Mains features and options

Mains features

- Electrical key start (12V)
- Large fuel tank
- Engine Oil Guard
- Automatic Voltage Regulation (AVR)
- Thermal protection
- Instrumentation, voltmeter, hourmeter
- Insulation monitoring relay (ITR)
- Sockets
- CE noise compliance

Sockets configuration

| | |
|------------------------|---|
| SCHUKO 230V 16A IP54 | 1 |
| 2P+T CEE 230V 32A IP44 | 1 |

Options

- Wheel kit

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.

Grupos Electr6genos 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

Grupos Electr6genos Europa, S.A.

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DISTRIBUTED BY:

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Please, contact your local Atlas Copco Dealer for more information