

# QEP R8 50Hz 3p AVR ITR 12V

QEP Range



Genset image for illustration purposes only

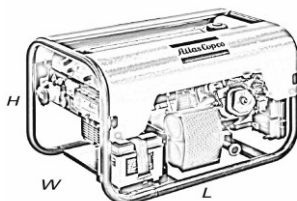
## Technical data

Voltage	(V)	400
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)	91
Fuel tank capacity	(l)	18
Wheels and handles	Optional	

## Dimensions



Note: These dr

## Power ratings

Prime	Prime	Standby	Standby
kW	kVA	kW	kVA
5.6	7.0	6.6	8.3
Power factor			0.8

## Fuel consumption table

Load level	PRIME (L/h)	Aut. (h)
75%	2.15	8.37
100%	2.87	6.27

## Engine

### General

Engine Brand	Honda	
Engine Model	GX390	
R.P.M.	3000	
Net Power	(kWm)	7.70
Fuel	Gasoline	
No. of cylinders	1	
Displacement	(cm³)	389
Regulation type	Mechanic	

### Lubrication System

Oil capacity	(l)	1.1
Engine Oil Guard	YES	

### Cooling System

Cooling type	Air	
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### Starting system

Recoil	YES
Electric 12V	YES

## Alternator

Alternator brand	NSM	
Alternator model	TR100SC	
IP alternator	IP23	
Peak power 163°/27°	(kVA)	7.56
Poles	2	
Excitation system	AVR	
	Brushes	
Efficiency at 100% 125°/40°	(%)	80

## 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

3P+N+T CEE 400V 16A 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 Electr genos 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 Electr genos Europa, S.A.

Central Offices:

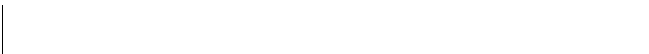
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