

QEP R6 50Hz 1p AVR ITR 12V

QEP Range



Genset image for illustration purposes only

Technical data		
Voltage	(V)	230
Frequency	(Hz)	50
Fuel		Diesel
Performance class		G1
Acoustic pressure LpA	(dB(A) @ 7m)	-
Acoustic power LwA	(dB(A))	-

Mechanical structure		
Length (L)	(mm)	840
Width (W)	(mm)	641
Height (H)	(mm)	696
Weight	(kg)	114
Fuel tank capacity	(l)	24
Wheels and handles		Optional

Dimensions

Power ratings			
Prime	Prime	Standby	Standby
kW	kVA	kW	kVA
4.4	4.8	5.3	5.9
Power factor			0.9

Fuel consumption table

Load level	PRIME (L/h)	Aut. (h)
75%	1.46	16.44
100%	1.94	12.37

Note: These drawings are provided for illustration purposes only.

Engine

General		
Engine Brand		Yanmar
Engine Model		L100
R.P.M.		3000
Net Power	(kWm)	6.50
Fuel		Diesel
No. of cylinders		1
Displacement	(cm³)	435
Regulation type		Mechanic

Lubrication System		
Oil capacity	(l)	1.6
Engine Oil Guard		YES

Cooling System	
Cooling type	Air

Starting system	
Recoil	NO
Electric 12V	YES

Alternator

Alternator brand		NSM
Alternator model		K100F
IP alternator		IP23
Peak power 163°/27°	(kVA)	5.4
Poles		2
Excitation system		Capacitor Brushless
Efficiency at 100% 125°/40°	(%)	75

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

Sockets configuration

SCHUKO 230V 16A IP54	1
2P+T CEE 230V 16A IP44	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.

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

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