



JCB PETROL GENERATOR TECHNICAL SPECIFICATIONS



G4GX

ELECTRICAL

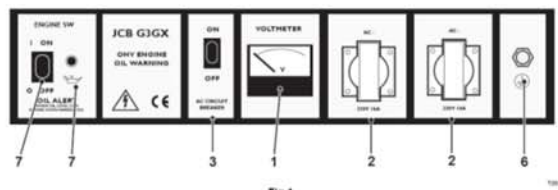
FREQUENCY	VOLTAGE	MAX OUTPUT	RATED OUTPUT
50Hz	230v	4.0kW	3.5kW
Rated Speed	3000 rpm		
Circuit Breaker	15.2 amp		
Power Factor	1.0		

ALTERNATOR

Poles	2 pole
Insulation	Class B
Enclosure	IP23
Exciter System	Self-regulating brushless
Voltage Regulator	Capacitance
Windings	Copper

CONTROL PANEL

The JCB Control panel has an analogue AC volt meter and 2 x AC outlet sockets protected by a circuit breaker. The engine has its own stop switch and is protected with a low oil shut down system. There is a separate 12V DC connector protected by a circuit breaker with a maximum current of 8 amps. An external earthing point and a power indicator light are fitted as standard.



Number	1	2	3	5	6	7
Description	AC Voltmeter	AC Outlets	AC Circuit Breaker	DC Connections	Earth Point	Engine Switch

ENGINE		
Output Rating	HP	12 @ 3600rpm
Type		Air Cooled – 4 Stroke OHV
Fuel		Petrol
Carburettor		Horizontal type, butterfly valve
Ignition System		Transistor
Spark Plug		NGK or Equivalent
Spark Plug Gap	mm	0.70/0.80
Valve Clearance Inlet (cold)	mm	0.7/0.8
Valve Clearance Exhaust (cold)	mm	0.18/0.22
Aspiration		Naturally Aspirated
Cylinders		1
Bore and Stroke	mm	85 x 63
Displacement	cc	357
Cooling		Air
Lubrication System		Splash
Engine Oil Capacity	l	1.1
Engine Oil Specification		JCB HPI0W30 – API SG
Compression Ratio		8.5:1
Governor		Mechanical
Starting system	Std	Manual Recoil
Starting System	Optional	Electric
Air Filter		Foam
Fuel Consumption @75% Load		50Hz
Run Time on Full Tank	Hours	12.0
Usage Per hour	l/h	1.8

FUEL SYSTEM		
Petrol Specification		Unleaded Min Octane rating 85 RON
Fuel Tank Capacity	l	22

WEIGHT AND DIMENSIONS		
Length	mm	690
Width	mm	530
Height	mm	600
Dry Weight (Standard Build)	Kg	79
Noise	dB(A) 7M	71

GENERATOR FEATURES

	STANDARD	OPTIONAL
ENGINE		
Engine	•	X
Air Cooled	•	X
Air Filter	•	X
Low Oil Level Shutdown	•	X
Hot Component Guards	•	X
Manual Recoil Start	•	X
Electric Start	X	•
Electric Start Battery	X	•
ELECTRICS		
12v DC Outlets	•	X
DC Circuit Breaker	•	X
AC Socket Outlets' x 2	•	X
AC Circuit Breaker	•	X
AC Voltmeter	•	X
Earth Point	•	X
GENERAL		
Heavy Duty Frame	•	X
Wheel & Handle Kit	X	•
Large Capacity Fuel Tank	•	X
Fuel Sediment Cup	•	X
Detailed Operators Manual	•	X

