

# 2022 JCB G40RS



641 Hours

- RENTAL SPECIFIC 40KVA SUPER-SILENT GENERATOR
- A FULLY COMPLIANT STAGE V ENGINE
- HVO / DIESEL GENERATOR POWERED
- MEETS ALL THE LATEST EMISSIONS REGULATIONS.
- CONFIGURED EITHER AS A ROAD TOWABLE UNIT

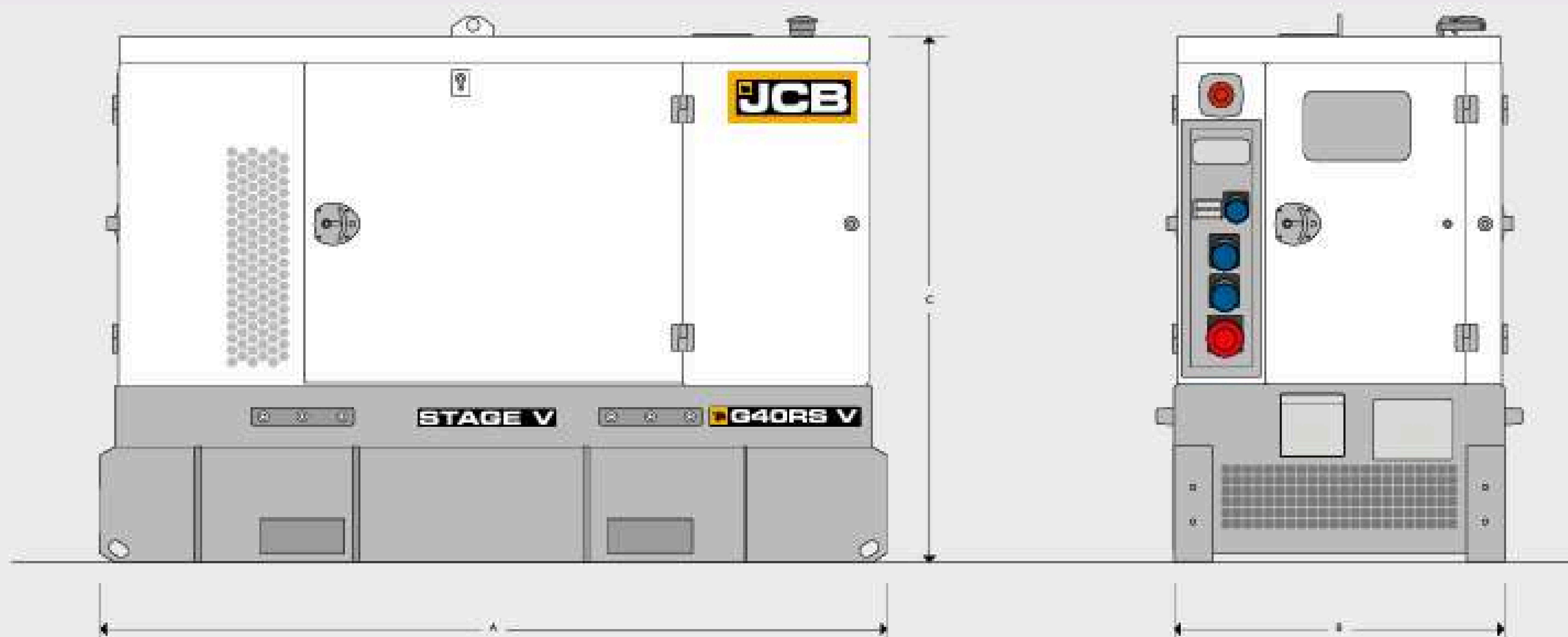


SERIAL NUMBER	ENGINE NUMBER
P239611	1400
ALTERNATOR NUMBER	WEIGHT (kg) ISO 6061
40	2 26X1 57X1 25
RATED POWER (kVA) PRP	DIMENSION (m)
32	200
RATED POWER (kW)	RATED SITE ALTITUDE ABOVE SEA LEVEL (m)
28	
RATED POWER FACTOR	RATED AMBIENT TEMPERATURE (°C)
57	
CURRENT (Amp)	SET RATED VOLTAGE (V) / PHASE
50	230V 2P
SET RATED FREQUENCY (Hz)	YYYY-MM OF MANUFACTURE

**USED GENERATOR | 2022 JCB G40RS**

Our Ref: VSB0045355 Serial No: 3076245

## WEIGHT AND DIMENSIONS



Machine model		G18RS V	G40RS V	G100RS V	G125RS V	G150RS V	G200RS V
A Length	mm	1948	2265	3192	3192	4220	4220
B Width	mm	835	1050	1200	1200	1100	1100
C Height	mm	1423	1574	2050	2050	2200	2200
Shipping volume	m <sup>3</sup>	2.3	3.7	7.8	7.8	10.2	10.2
Weight*	kg	950	1400	2750	2750	3650	3650

\*Standard build with all fluids except fuel

## ELECTRICAL

Machine model		G18RS V	G40RS V	G100RS V	G125RS V	G150RS V	G200RS V
Phases		3	3	3	3	3	3
Voltage	V	400/230	400/230	400/230	400/230	400/230	400/230
Rated speed	RPM	1500	1500	1500	1500	1500	1500
<b>Prime</b>							
kVA		18	40	100	120	150	200
kW		15	32	80	96	120	160
<b>Standby</b>							
kVA		20	44	110	N/A	165	220
kW		16	35.2	88	N/A	132	176

## RATINGS

**Prime:** This rating is for the supply of continuous electrical power, at a variable load, in lieu of commercially purchase power. There is no limitation on the annual hour of operation and 10% over load power can be supplied for 1 hour in 12. No overload permitted on G125RS V.

**Standby:** Standby Power (ESP) is the maximum output available, for up to 500 hours per year, where the average load (Variable) does not exceed 70% of the standby power rating. No overload is available.

**Stage V** models are only emission compliant at 50Hz Prime Power.

## SPECIFICATION

## JCB RENTAL SERIES G18RS V, G40RS V, G100RS V, G125RS V, G150RS V, G200RS V

ENGINE							
Machine model		G18RS V	G40RS V	G100RS V	G125RS V	G150RS V	G200RS V
Net output rating (PRP)	kW	17	42.2	103	103	136	181
Manufacturer and model		JCB by Kohler KDI M 1903 E5	JCB by Kohler KDI 2504 TCR	JCB 448 TA5-129	JCB 448 TA5-129	FPT - N67TEVP06.00	FPT - N67TEVP05.00
Engine speed	RPM	1500	1500	1500	1500	1500	1500
Cylinders		3	4	4	4	6	6
Displacement	L	1.861	2.482	4.8	4.8	6.7	6.7
Cooling		Water	Water	Water	Water	Water	Water
Engine oil capacity	L	8.9	11.2	14	14	18	18
Coolant capacity	L	6.8	4.2	17	17	28	28
Governor		Mechanical	Electronic	Electronic	Electronic	Electronic	Electronic
Air filter		Paper Element	Paper Element	Paper Filter	Paper Filter	Dry Type	Dry Type
Engine oil consumption	100% Load	0.1% of fuel consumed	0.1% of fuel consumed	0.1% of fuel consumed	0.1% of fuel consumed	0.3% of fuel consumed	0.3% of fuel consumed
Exhaust emission aftertreatment		N/A	DOC / DPF	DOC/DPF/SCR	DOC/DPF/SCR	DOC/DPF/SCR/CUC	DOC/DPF/SCR/CUC
Emission standard		Stage V	Stage V	Stage V	Stage V	Stage V	Stage V

FUEL CONSUMPTION							
Machine model		G18RS V	G40RS V	G100RS V	G125RS V	G150RS V	G200RS V
100% load prime	(L/h)	4.4	9.5	23.4	26.8	30.8	41
75% load prime	(L/h)	3.2	7.4	17.6	20.6	24.3	30.8
50% load prime	(L/h)	2.2	5.4	11.4	14.1	16.9	22
100% load prime	(L/h)	4.9	10.3	24.9	N/A	34.1	46.8

FUEL SYSTEM							
Machine model		G18RS V	G40RS V	G100RS V	G125RS V	G150RS V	G200RS V
Diesel specification		EN590	EN590 & EN15940	EN590 & EN15940	EN590 & EN15940	EN590 & EN15940	EN590 & EN15940
Fuel tank capacity (total volume)	L	100	226	260	260	468	468

DEF SYSTEM							
Machine model		G18RS V	G40RS V	G100RS V	G125RS V	G150RS V	G200RS V
DEF specification		N/A	N/A	ISO 22241	ISO 22241	ISO 22241	ISO 22241
DEF consumption @ 75% load (% of fuel)		N/A	N/A	9.4	9.7	9.6	10.3
DEF tank capacity (total volume)	L	N/A	N/A	17	17	43	43

**SPECIFICATION**
**JCB RENTAL SERIES G18RS V, G40RS V, G100RS V, G125RS V, G150RS V, G200RS V**

<b>ALTERNATOR</b>						
Machine model	G18RS V	G40RS V	G100RS V	G125RS V	G150RS V	G200RS V
Model	ECP28-2L/4	ECP32-2S4C	ECP34-2S4C	ECP34-1M4 C	ECP34-1L4 C	ECC38-2S4 C
Poles	4	4	4	4	4	4
Winding connections	Star	Star	Star	Star	Star	Star
Insulation	Class H	Class H	Class H	Class H	Class H	Class H
Enclosure	IP 23	IP 23	IP 23	IP 23	IP 23	IP 23
Exciter system	Self-regulating brushless	Self-regulating brushless	Self-regulating brushless	Self-regulating brushless	Self-regulating brushless	Self-regulating brushless
Voltage regulator	AVR	AVR	AVR	AVR	AVR	AVR
Steady state voltage regulation	plus or minus 1%	plus or minus 1%	plus or minus 1%	plus or minus 1%	plus or minus 1%	plus or minus 1%
Coating	Total protection +	Total protection +	Total protection +	Total + Protection	Total + Protection	Total + Protection

<b>EXHAUST SYSTEM</b>						
Machine model	G18RS V	G40RS V	G100RS V	G125RS V	G150RS V	G200RS V
Maximum temperature 100% standby degrees	540	520	520	520	550	550
Maximum temperature - regeneration	N/A	600	600	600	600	600
Exhaust gas flow 100% standby m <sup>3</sup> /min	2.01	16.7	8.5	8.5	12.0	14.3

<b>AIR SYSTEM</b>						
Machine model	G18RS V	G40RS V	G100RS V	G125RS V	G150RS V	G200RS V
Intake air flow 100% standby m <sup>3</sup> /h	82	168	430	430	618	690
Radiator cooling airflow m <sup>3</sup> /s	0.47	2.0	3.2	3.2	3.8	3.8

<b>SOUND PRESSURE</b>						
Machine model	G18RS V	G40RS V	G100RS V	G125RS V	G150RS V	G200RS V
LpA (7m) (dBA)	63	67	66	67	68	68

<b>STARTING SYSTEM</b>						
Machine model	G18RS V	G40RS V	G100RS V	G125RS V	G150RS V	G200RS V
Battery capacity Ah	110	110	110	110	110	110
Number of batteries	1	1	1	1	2	2
Audary voltage V	12	12	12	12	24	24
Battery type	Sealed lead acid	Sealed lead acid	Sealed lead acid	Sealed lead acid	Sealed lead acid	Sealed lead acid

<b>REFERENCE STANDARDS</b>						
JCB Generators are CE certified and conform to the following Directives (subject to a country requiring such standard):						
<ul style="list-style-type: none"> <li>• EN 12100, EN 13857, EN60204</li> <li>• 2006/42/CE Machinery safety</li> <li>• 2006/95/EC Low voltage</li> <li>• 2004/108/CE Electromagnetic compatibility</li> <li>• 2000/14/EC Sound Power Level (amended by 2005/88/EC)</li> <li>• 97/68/ec Emissions (amended by 2002/88/EC &amp; 2004/26/EC)</li> <li>• Power according to ISO 8528 and ISO 3046</li> <li>• Ambient reference conditions 1000mbar, 25°C, 30% relative humidity ISO3046</li> </ul>						
Information based on standard specification equipment unless stated otherwise.						

## STANDARD/OPTIONAL FEATURES

Machine model	G18RS V	G40RS V	G100RS V	G125RS V	G150RS V	G200RS V
<b>ELECTRIC</b>						
AVR DSR	•	•	•	•	•	•
Winding protection - Total +	•	•	•	•	•	•
MAUX	•	•	•	•	•	•
4 pole moulded case circuit breaker	•	•	•	•	•	•
Earth leakage protection	•	•	•	•	•	•
Preparation for earth spike	•	•	•	•	•	•
External emergency stop button	•	•	•	•	•	•
Socket panel	+	+	+	+	+	+
Bund alarm	+	+	+	+	+	+
Battery isolator	•	•	•	•	•	•
Battery charger	+	+	+	+	+	+
DEF transfer system	x	x	+	+	+	+
50Hz / 60Hz switchable	+	+	+	+	+	+
<b>CANOPY</b>						
Loadable maintenance access doors	•	•	•	•	•	•
Door stays	•	•	•	•	•	•
Forklift protection bumpers	•	•	•	•	•	•
Integral fork pockets	•	•	•	•	•	•
Fixed lifting points	•	•	•	•	•	•
Bunded fuel tank	•	•	•	•	•	•
4 point tie down	•	•	•	•	•	•
High density fire retardant foam	•	•	•	•	•	•
JCB yellow paint	•	•	•	•	•	•
White paint (RAL 9001)	+	+	+	+	+	+
Heavy duty rental base	•	•	•	•	•	•
<b>MECHANICAL FEATURES</b>						
Manual oil drain pump	+	+	+	+	+	+
Water jacket heater	+	+	+	+	+	+
Pre-filter with separator	•	•	•	•	•	•
Rapor water/fuel separator	+	+	+	+	+	+
Fuel level sender	•	•	•	•	•	•
Internal fuel fill	•	•	•	•	•	•
3 way fuel valve	•	•	•	•	•	•
<b>JCB COMMUNICATION AND CONTROL</b>						
DSE 7310	•	•	•	•	•	•
DSE 8610 synchronising controller	+	+	+	+	+	+
JCB LiveLink	+	+	•	•	•	•

STANDARD •  
 OPTIONAL +  
 NOT AVAILABLE x