

# G70RS | Rental Diesel Generator



DIESEL GENERATOR

T4F

## WEIGHT AND DIMENSIONS - STATIC

Length	in	126
Width	in	43
Height	in	83
Weight*	lbs	5739

\*Standard build with all fluids including fuel

## WEIGHT AND DIMENSIONS - TRAILER MOUNTED

Length	in	189
Width	in	74
Height	in	105
Weight*	lbs	7239

\*Standard build with all fluids including fuel

## ELECTRICAL

			Prime Rating				
Frequency (Hz)	Phases	Voltage (V)	kVA	kW	Amps	Rated Speed (RPM)	Emissions
60	3	480/277V	70	56	84	1800	T4F
60	3	208/120V	70	56	195	1800	T4F
60	1	240V	37	37	154	1800	T4F

## POWER FACTOR

3 Phase	0.8
1 Phase	1

## ALL RATINGS ARE TO STANDARD REFERENCE CONDITIONS

**Prime:** This rating is for the supply of continuous electrical power, at variable load (70% average), in lieu of commercially purchase power. There is no limitation on the annual hours of operation and 10% over load power can be supplied for 1 hour in 12.

Ambient reference conditions 1000mbar, 25°C, 30% relative humidity ISO3046

**JCB GENERATOR TECHNICAL SPECIFICATIONS.** JCB reserves the right to change specifications without notice. Illustrations shown may include optional equipment and accessories.

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## AIR SYSTEM

Limiting Ambient Temperature	°F	60Hz	124
Radiator Duct Allowance	In H <sub>2</sub> O		TBC
Radiator Cooling Airflow	cfm		6145

## EXHAUST SYSTEM

Maximum Temperature 100%	°F	60Hz	TBC
Exhaust Gas Flow 100%	lbs/hr		946
Maximum Allowed Back Pressure	In H <sub>2</sub> O		47

## FUEL SYSTEM

Diesel Specification	Grade	ASTM D975 (2D)	
Standard Fuel Tank Capacity	(US) g	132	
Fuel Tank Material	Type	Steel	
Fuel Tank Construction		Double Skinned	

## FUEL CONSUMPTION

100% Load Prime	(US) gph	60Hz	6.62
75% Load Prime	(US) gph		3.65
50% Load Prime	(US) gph		2.56

## DEF SYSTEM

DEF Specification		ISO 22241-1	
Standard Capacity Tank	(US) g	4.5	

## DEF CONSUMPTION

100% Load Prime	(US) gph	60Hz	0.23
75% Load Prime	(US) gph		0.13
50% Load Prime	(US) gph		0.09

## ENGINE

1800 RPM		
Net Output Rating (PRP)	kW	70
Net Output Rating (Standby)	kW	77
Manufacturer and Model		JCB JCB 444 TA4-81
Fuel		Diesel
Injection		Common Rail
Aspiration		Turbo Charged
Cylinders		4
Bore and Stroke	in	4.1 x 5.2
Displacement	in <sup>3</sup>	268.0
Cooling		Water
Engine Oil Specification		API CH4-SAE 10W40
Compression Ratio		16.7 : 1
Engine Oil Capacity	(US) g	3.70
Coolant Capacity	(US) g	4.8
Governor		Electronic
Engine Oil Consumption	(US) gph	0.003
Exhaust After treatment	SCR	●
	DOC	x
	DPF	x

## AMBIENT CLEARANCE

Upper Temperature Limit	°F	122
Lower Temperature Limit	°F	23

## SOUND PRESSURE

LpA (23ft & 100% load)	dB(A)	60Hz	65
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