

MODEL:

**1000KVA**



**GENERATOR**

**TECHNICAL DATA SHEET**

**50/60 Hz**

**3-Phase**

**Power Factor**  
**Cos  $\Phi$  = 0.8**

**Emissions**  
**EU Stage IIIA Certified**

## Key Features

The PMS system enables the optimisation of fuel consumption and expands the generator's lifetime. PMS manages the quantity of generators running in parallel with load demand, starting and stopping units in line with increases or decreases in load. In this way, the load on each generator remains at a level which optimises fuel consumption. It also eliminates the need for generators to run with low load levels, which can cause engine damage and shorten the life expectancy of the equipment. Everything needed come as standard with QAC generators, and are optionally available for the QEC models.



## QAC 1000 Overall Dimensions & Weights Canopy Set

Length (L) = 6060mm Width (W) = 2440mm  
Height (H) = 2590mm

Dry Weight  
(Standard build with all fluids except fuel)  
= 14.140kg

Manufacturer and Model		CUMMINS QST 30 G4	
Speed	rpm	1500	1800
Rated net output (PRP)	kW <sub>m</sub>	880	1007
Aspiration		Turbocharged and intercooled	
Speed control		Electronic	
Number of cylinders		12	
Coolant		Parcool	
Engine Oil Specification		JCB EP 15W40	
Swept volume	L	30.5	

Model		LEROY SOMER LSA 49.1 L11	
Rated Output (ESP 27°C)	kVA	1000	1250
Degree of protection / Insulation class		IP 23	
Excitation type / AVR model		PMG / R450T	

Performance Data		QAC 1000	
Rated frequency (1)	Hz	50	60
Rated voltage (2)	V	400	480
Prime power (PRP)	kVA / kW	1000 / 800	1175 / 940
Rated standby power (LTP)	kVA / kW	1079 / 863	1289 / 1031
Power factor cos $\phi$		0.8	
Rated current (PRP)	A	1443	1413
Single step load capability (G2) acc. ISO-8528/5	%	55	70
Operating temperature (min/max)	°C	-25	50

Fuel tank capacity l	15000	
Fuel Consumption at 100% Power l/h	181	200
Fuel autonomy at full load h	8,3	6,8

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