

# Atlas Copco Generators

**QAS 14-300**

14-300 kVA

50 Hz – dual frequency

**For your peace of mind**



*Atlas Copco*

# Principal data

## Performance data (1)

Type		QAS 14	QAS 18	QAS 28	QAS 38	
Rated speed	r/min	1500	1500	1500	1500	
Rated Power Factor ( lagging)		0.80	0.80	0.80	0.80	
Rated continuous apparent power	kVA	13	17	25	35	
Rated standby power	kVA	14	19	28	38	
Rated voltage, line-to-line	V	400	400	400	400	
Rated current	A	19	24	36	49	
Maximum sound power level (LWA) complying with 2000/14/EC OND	dB(A)	90	91	95	95	
Max. sound pressure at 7m and 75% load	dB(A)	62.6	63.3	66.5	65.8	
Fuel autonomy at full load	h	26.5	21.5	19	13.5	
Capacity of fuel tank	l	85	85	100	100	
Fuel consumption	100% load	l/h	3.2	3.9	5.2	7.5
	75% load	l/h	2.5	3.1	4.1	5.8
	50% load	l/h	2.0	2.3	3.0	4.2

## Design data

### ALTERNATOR

Insulation - stator	class	H	H	H	H
- rotor	class	H	H	H	H
Number of phases		3	3	3	3
Number of leads		12	12	12	12

### ENGINE

Make		YANMAR	YANMAR	YANMAR	YANMAR
Model		3TNE88-ACG	4TNE88-ACG	4TNE94-ACG	4TNE98-ACG
Rated net output	kW	12.8	16.4	26.1	32.9
Coolant		liquid	liquid	liquid	liquid
Number of cylinders		3	4	4	4
Bore	mm	88	88	94	98
Stroke	mm	96	96	100	110
Swept volume	l	1.642	2.189	2.776	3.319

## Unit (2)

Dimensions : Length	mm	1860	1860	2080	2080
Width	mm	811	811	951	951
Height	mm	957	957	1157	1157
Weight (dry)	kg	656	714	826	901
Weight (ready-to-operate)	kg	735	793	942	1017

