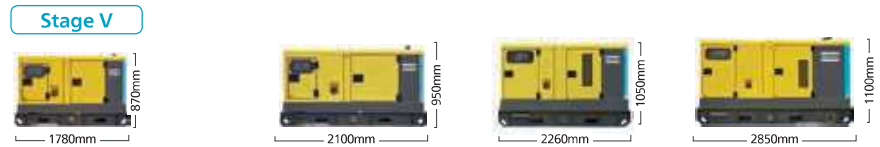


QAS range

Technical data



Electrical data		QAS 14	QAS 20	QAS 30	QAS 40	QAS 60	QAS 80	QAS 100
Rated frequency (1)	Hz	50	50	50 60	50	50 60	50 60	50 60
Rated voltage (2)	V	400	400	400 480	400	400 480	400 480	400 480
Prime power (PRP)	kVA / kW	14,1 / 11,3	17 / 13,6	30 / 24 36 / 29	40 / 32	60 / 48 67 / 54	80 / 64 93 / 75	100 / 80 114 / 91
Rated standby power (ESP)	kVA / kW	15,5 / 12,4	18,7 / 15	33 / 26 40 / 32	44 / 35	66 / 53 74 / 59	88 / 70 103 / 82	110 / 88 125 / 100
Power factor cos φ		0,8	0,8	0,8	0,8	0,8	0,8	0,8
Rated current (PRP)	A	20,4	24,5	43,3 43,6	57,8	86,8 81,2	115,5 112,2	150 137
Single step load acceptance (G2) acc. ISO-8528/5	%	100	100	100	77	85 95	90 100	80 85
Operating temperature (min/max)	°C	-25 / 50	-25 / 50	-25 / 50	-25 / 50	-25 / 50	-25 / 50	-25 / 50
Fuel consumption								
Fuel tank capacity (Standard / optional long autonomy fuel tank)	l	115	115	92 / 282	92 / 282	149 / 298	250 / 592	250 / 592
Fuel consumption at 100% PRP load	l / h	3,7	4,9	7 8	9,5	14 17	19 22,8	23 26,7
Fuel autonomy at full load (Standard / optional long autonomy fuel tank)	h	30,5	23,5	13,2 / 37 11,5 / 32,2	9,7 / 27	10 / 20 7,5 / 16,5	12,1 / 28,7 10 / 24	10 / 23,7 8,6 / 20,4
Engine								
Model (EU Stage compliant)		KUBOTA D1705M-E4BG	KUBOTA V2203M-E4BG	KUBOTA V3300-IDI-BG	KUBOTA V3800-DI-T-E3BG	PERKINS 1104D-44TG3 1104D-44TG2	PERKINS 1104D-E44TAG1	PERKINS 1104D-E44TAG2
Speed	rpm	1500	1500	1500 1800	1500	1500 1800	1500 1800	1500 1800
Rated net power (with fan)	kWm	13,2	15,8	27 30,7	38	56,3 60	71,2 82	88,6 100
Aspiration		Natural aspired	Natural aspired	Natural aspired	Turbocharged	Turbocharged and intercooled	Turbocharged and intercooled	Turbocharged and intercooled
Speed control		Electronic	Electronic	Electronic	Electronic	Mechanical/Electronic	Electronic	Electronic
Number of cylinders		3	4	4	4	4	4	4
Coolant		Parcool	Parcool	Parcool	Parcool	Parcool	Parcool	Parcool
Swept volume	l	1,7	2,2	3,3	3,8	4,4	4,4	4,4
Alternator								
Model		LEROY SOMER LSA 40 S3	LEROY SOMER LSA 40 M5	LEROY SOMER LSA 42.3 V53	LEROY SOMER LSA 42.3 S5	LEROY SOMER LSA 42.3 L9	LEROY SOMER LSA 44.3 S3	LEROY SOMER LSA 44.3 S5
Rated Output (ESP 27°C)	kVA	16,5	22	35 42,4	45	66 79,5	88 105	110 131
Degree of protection / Insulation class		IP 23 / H	IP 23 / H	IP 23 / H	IP 23 / H	IP 23 / H	IP 23 / H	IP 23 / H
Excitation type / AVR model		SHUNT / R220	SHUNT / R220	SHUNT / R220	SHUNT / R220	SHUNT / R220	SHUNT / R250	SHUNT / R250
Noise level								
Sound power level (LwA)	dB(A)	88	88	90 93	91	89 93	91 95	91 95
Sound pressure level (LpA) at 7m	dB(A)	60	60	62 65	63	61 65	63 67	63 67

(1) 60Hz models available, please consult.

(2) Other voltages available, please consult.

(3) For EU Stage 2 basic data contact to Atlas Copco support

* Standard tank is already long autonomy

Not all the standards or options are available in all the range, for further information contact to Atlas Copco support