



QAS RANGE

50 - 60 Hz

It's more than
a generator. It's
Predictable Power.



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TECHNICAL DATA

Performance data ⁽¹⁾		QAS 14		QAS 20		QAS 30		QAS 40		QAS 60		QAS 80		QAS 100			
Rated frequency	Hz	50	60	50	60	50	60	50	60	50	60	50	60	50	60		
Rated speed	r/min	1500	1800	1500	1800	1500	1800	1500	1800	1500	1800	1500	1800	1500	1800		
Rated power factor (lagging)		0,8		0,8		0,8		0,8		0,8		0,8		0,8			
Rated prime power (PRP)	kVA / kW	13,6 / 11	16 / 13	20 / 16	24,3 / 19,5	30 / 24	36 / 29	40 / 32	60 / 48	67 / 54	80 / 64	93,3 / 74,6	100 / 80	114 / 91			
Rated standby power (ESP)	kVA / kW	15 / 12	17,6 / 14,3	22 / 17,6	26,7 / 21,5	33 / 26,4	39,6 / 32	44 / 35,2	66 / 52,8	74,2 / 59,3	88 / 70,4	103 / 82	110 / 88	125 / 100			
Rated voltage (line to line)	V	400	480	400	480	400	480	400	400	480	400	480	400	480			
Rated current (PRP)	A	19,6	19,3	29	30	43,3	43,6	57,8	86,6	81,2	115,5	112,2	150	137			
Max. sound power level (LWA) acc. to 2000/14/EC OND	dB(A)	86	90	88	92	91	93	91	90	93	92	95	92	95			
Max. sound pressure level (LPA) at 7m (23ft)	dB(A)	58	62	60	64	63	65	63	62	65	64	67	64	67			
Capacity fuel tank / with optional long autonomy fuel tank	l	115		115		92 / 282		92 / 282		149 / 298		250 / 592		250 / 592			
Fuel consumption at full load (PRP)	l/h	3,5	4,3	4,9	5,3	7	8	9,5	14	17	19	22,8	23	26,7			
Fuel autonomy at full load standard / with optional long autonomy fuel tank	h	33	26,7	23,5	21,5	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			
Single step load capability (G2) acc. ISO-8528/5	%	100	100	100	100	100	100	77	85	95	90	100	80	85			
Alternator																	
Model Leroy Somer		LSA 40 S3		LSA 40 M5		LSA 42,3 VS3		LSA 42.3 S5		LSA 42.3 L9		LSA 44.3 S3		LSA 44.3 S5			
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			
Rated Output (50Hz ESP 27°C / 60Hz ESP 40°C)	kVA	16,5	20	22	27	35,2	42,4	45	66	79,5	88	105	110	131			
Engine																	
Model (EU Stage 3A)		KUBOTA D1703M		KUBOTA V2403M-BG		KUBOTA V3300DI		KUBOTA V3800DI		PERKINS 1104D-44TG3	PERKINS 1104D-44TG2	PERKINS 1104D-E44TAG1		PERKINS 1104D-E44TAG2			
Rated net power (with fan)	kW _m	12,8	15,1	18,8	22,1	27	30,7	38	56,3	60	71,2	82	88,6	100			
Speed governor		Electronic		Electronic		Electronic		Electronic		Mechanical / Electronic		Electronic		Electronic			
Number of cylinders		3		4		4		4		4		4		4			
Swept volume	l	1,7		2,4		3,3		3,8		4,4		4,4		4,4			
Coolant		Parcool		Parcool		Parcool		Parcool		Parcool		Parcool		Parcool			
Aspiration		Natural aspired		Natural aspired		Natural aspired		Turbocharged		Turbocharged and intercooled		Turbocharged and intercooled		Turbocharged and intercooled			
Dimensions & weight																	
L x W x H	m	1,78 x 0,87 x 1,2				2,1 x 0,95 x 1,2				2,26 x 1,05 x 1,43				2,85 x 1,1 x 1,62			
Weight (dry / wet)	kg	651 / 750		696 / 795		917 / 996		962 / 1041		1305 / 1433		1767 / 1982		1777 / 1992			
Dimensions & weight (with optional long autonomy fuel tank)																	
L x W x H	m	-		-		2,1 x 0,95 x 1,5				2,26 x 1,05 x 1,57				2,85 x 1,1 x 1,74			
Weight (dry / wet)	kg	-		-		998 / 1241		1043 / 1286		1368 / 1624		1847 / 2356		1857 / 2366			

(1) Reference condition: For engine performance to ISO 3046 / 1-1995.

STANDARD FEATURES*

- Dual frequency
- Qc1103™ (over and undervoltage protection, remote start)
- Sound attenuated and rugged galvanized steel enclosure
- Spillage free frame (integrated forklift pockets, 110% containment)
- Big doors & service plates for superior accessibility
- External fuel tank connection
- Dual stage heavy duty airfilter and safety cartridge
- Dual stage fuel filter with water separation
- Oil drain pump
- 4 poles main circuit breaker
- Earth leakage protection and earth pin

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



TECHNICAL DATA

Performance data ⁽¹⁾		QAS 125		QAS 150		QAS 200		QAS 250		QAS 325		QAS 400		QAS 500		QAS 630	
Rated frequency	Hz	50	60	50	60	50	60	50	60	50	60	50	60	50	60	50	60
Rated speed	r/min	1500	1800	1500	1800	1500	1800	1500	1800	1500	1800	1500	1800	1500	1800	1500	1800
Rated power factor (lagging)		0,8		0,8		0,8		0,8		0,8		0,8		0,8		0,8	
Rated prime power (PRP)	kVA / kW	125 / 100	147 / 117	150 / 120	171 / 137	200 / 160	225 / 180	250 / 200	255 / 204	325 / 260	345 / 276	400 / 324	418 / 334	500 / 400	587 / 470	629 / 503	688 / 550
Rated standby power (ESP)	kVA / kW	137 / 110	161 / 129	165 / 132	188 / 150	220 / 176	248 / 198	275 / 220	280 / 224	341 / 273	380 / 304	445 / 356	460 / 368	550 / 440	645 / 516	700 / 560	756 / 605
Rated voltage (line to line)	V	400	480	400	480	400	480	400	480	400	480	400	480	400	480	400	480
Rated current (PRP)	A	180	176	216,5	205,7	288	270	360	306	469	415	585	503	722	706	908	827
Max. sound power level (LWA) acc. to 2000/14/EC OND	dB(A)	97	99	97	99	97	99	97	99	97	99	98	100	99	100	101	103
Max. sound pressure level (LPA) at 7m (23ft)	dB(A)	69	71	69	71	69	71	69	71	69	71	70	72	71	72	73	75
Capacity fuel tank / with optional long autonomy fuel tank	l	360 / 980		360 / 980		469 / 1470		469 / 1470		640 / 1775		640 / 1775		911		911	
Fuel consumption at full load (PRP)	l/h	26	32	30,6	39	41,4	49	51,4	56	68	71	83	87	102,6	118,6	124,4	136,9
Fuel autonomy at full load standard / with optional long autonomy fuel tank	h	12 / 32	9,8 / 26	10,3 / 27,2	8 / 21,3	10 / 33	8,5 / 28	8 / 27	8,4 / 24,6	9 / 24	8 / 23	7 / 20	7 / 20	8,8	7,7	7,3	6,6
Single step load capability (G2) acc. ISO-8528/5	%	70	85	60	75	80	95	57	75	60	70	60	70	62	68	53	54
Alternator																	
Model Leroy Somer		LSA 44.3 M6		LSA 44.3 L10		LSA 46.2 M5		LSA 46.2 L6		LSA 46.2 VL13		LSA 47.2 S4		LSA 47.2 M7		LSA 49.1 S4	
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		IP 23 / H	
Rated Output (50Hz ESP 27°C / 60Hz ESP 40°C)	kVA	125	156	150	188	223	262	324	275	341	412	450	550	570	680	660	792
Engine																	
Model (EU Stage 3A / EU Stage 2 ⁽²⁾)		VOLVO TAD 750 GE / TAD 730 GE		VOLVO TAD 751 GE / TAD 731 GE		VOLVO TAD 753 GE / TAD 733 GE		VOLVO TAD 754 GE / TAD 734 GE		VOLVO TAD 1351 GE / TAD 1341 GE		VOLVO TAD 1355 GE / TAD 1344 GE		VOLVO TAD 1651 GE / TAD 1641 GE		VOLVO - / TWD 1643 GE	
Rated net power (with fan)	kW _m	114	127	132	149	173	194	217	219	279	294	344	355	430	494	536	585
Speed governor		Electronic EMS 2		Electronic EMS 2		Electronic EMS 2		Electronic EMS 2		Electronic EMS 2		Electronic EMS 2		Electronic EMS 2		Electronic EMS 2	
Number of cylinders		6		6		6		6		6		6		6		6	
Swept volume	l	7,15		7,15		7,15		7,15		12,8		12,8		16,12		16,12	
Coolant		Parcool		Parcool		Parcool		Parcool		Parcool		Parcool		Parcool		Water	
Aspiration		Turbocharged and intercooled		Turbocharged and intercooled		Turbocharged and intercooled		Turbocharged and intercooled		Turbocharged and intercooled		Turbocharged and intercooled		Turbocharged and intercooled		Turbocharged and intercooled	
Dimensions & weight																	
L x W x H	m	3,38 x 1,18 x 1,7				3,77 x 1,2 x 1,88				4,02 x 1,39 x 2,02				4,8 x 1,55 x 2,29		4,8 x 1,55 x 2,29	
Weight (dry / wet)	kg	2230 / 2540		2300 / 2610		2889 / 3292		2999 / 3402		4185 / 4735		4485 / 5035		5594 / 6426		5941 / 6830	
Dimensions & weight (with optional long autonomy fuel tank)																	
L x W x H	m	3,38 x 1,18 x 2,1				3,77 x 1,2 x 2,24				4,02 x 1,39 x 2,31				-		-	
Weight (dry / wet)	kg	2447 / 3290		2517 / 3360		3129 / 4393		3239 / 4503		4395 / 5884		4695 / 6184		-		-	

(1) Reference condition: For engine performance to ISO 3046 / 1-1995.

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

ELECTRICAL OPTIONS*

- Qc2103TM (AMF package + battery charger + coolant heater)
- Qc4003TM (Paralleling & PMS package + battery charger + coolant heater)
- Insulation monitoring relay
- 3-phase sockets configurations (dedicated frequency)
- 1-phase socket 16 A (RIM, PIN or CEE version)
- Neutral EDF
- PMG alternator
- Battery charger and battery cut-off switch
- Coolant heater
- Multi voltage variant with voltage selector

MECHANICAL OPTIONS*

- Quick couplings for external fuel tank connection
- Frame with integrated long autonomy fuel tank
- Undercarriage adjustable towbar with brakes
- Towing eyes
- Refinery equipment (spark arrestor and air shut off valve)
- Cold start (synthetic oil filling)
- Cold flow (Fuel additive)
- Customer colour

ALL THE POWER YOU NEED

DIMENSIONS: L x W x H & WEIGHT

QAS 14 - 20: 1,78 x 0,87 x 1,2 m 750 / 795 Kg	QAS 30 - 40: 2,1 x 0,95 x 1,2 m 996 / 1041 Kg	QAS 60: 2,26 x 1,05 x 1,43 m 1433 Kg	QAS 80 - 100: 2,85 x 1,1 x 1,62 m 1982 / 1992 Kg
QAS 125 - 150: 3,38 x 1,18 x 1,7 m 2540 / 2610 Kg	QAS 200 - 250: 3,77 x 1,2 x 1,88 m 3292 / 3402 Kg	QAS 325 - 400: 4,02 x 1,39 x 2,02 m 4735 / 5035 Kg	QAS 500 - 630: 4,8 x 1,55 x 2,29 m 6426 / 6830 Kg

SEGMENTS



KEY BENEFITS

Performance	
Service efficiency	
Resale value and long lifespan	
Versatility	
Transport efficiency	

COMMITTED TO SUSTAINABLE PRODUCTIVITY

Atlas Copco's Portable Energy division is committed to forward-thinking. For us, sustainable productivity is all about anticipating and exceeding your future needs – while never compromising our environmental principals. Looking ahead and staying ahead is the only way we can ensure we are your long term partner.

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