POWER WITHOUT COMPROMISE

QIS generators

Sustainable Productivity

Atlas Copco

Power without compromise
QIS generators

A standby generator is an essential part of any company's performance network. It needs to be ready and able to provide power in the event of an electrical supply interruption. You need to be sure that the generator will sense the urgent need and provide an instant response, with guaranteed performance, at exactly the moment it's needed.

We have extended our QIS range up to 1420 kVA to ensure we offer the generator that's right for your business. Built to our time-tested design principles, used across our entire generator portfolio, the QIS range offers you modular capabilities and room for upgrading and expansion; along with being designed for simple installation and exceptional reliability.

These generators are designed for optimal performance in the most demanding conditions, for both standby and stationary prime applications. The extreme testing procedure ensures their suitability for all applications, including data centers, healthcare, manufacturing, utilities and retail.

Thanks to its versatility, low noise and user-friendliness, a QIS generator can be easily integrated into all your projects. You don't just need power – you need power without compromise!

SERVICE INTERVAL (HRS) 500

UP TO 25% SMALLER FOOTPRINT

13% HIGHER LOAD FACTOR

LOWER DERATING

PREWIRED CUBICLE FOR UPGRADING

30% CONTROL PANEL FREE SPACE FOR UPGRADING

What is the cost of no power?

QIS generators provide peace of mind in many different applications. From critical stand-by to stationary prime or peak shaving.

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QIS range

STANDARD FEATURES

Transport efficiency:

- Integrated lifting structure with single elevation point [1] (Four points lifting above 1115kVA)

Integrated control and power cubicle:

- Qc 2112/2212 AMF (AMF and remote start) digital controller
- Upgradeable cubicle
- 4 Pole breaker [1]
- Emergency stop
- Battery charger [1]

Superior accessibility:

- Optimal serviceability through large access doors and panels
- Access to alternator (AVR and diode bridge)
- Full access to engine
- Direct radiator cleaning access panel
- External drain points access

Installation efficiency:

- Plug and play cable connection
- Pass through cable path, natural bend and strain relief
- Retention bund 110% self containment [1] with level sensor [2]
- Hot parts, fan and belt protection

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Performance:

- High cooling performance radiator with ParCOOL for 100% standby power operation
- Sound attenuated and rugged galvanized steel enclosure
- Alternator IP23 with auxiliary winding (300% overcurrent during 20 seconds) and digital AVR (3 phases sensing and droop kit standard above 400 kVA)
- Electronic governor engine (2)

Service efficiency:

- Decreased service downtime due to heavy duty fuel filtration system with water separator (1)
- Dual stage air filtration (2)
- Oil drain pump (1)
- 500 hours service interval (2)

Any single unit at full load and is tested in performance class:

- In addition, other tests by model done: LAT, vibration; noise, fuel consumption; water ingress

Customize the generator to your needs

MECANICAL OPTIONS

- Synthetic oil
- Water separator fuel pre-filter (3)
- High capacity fuel tank (2)
- Rain cap (3)
- Levelling mounts
- Shock absorbers mounts
- Lifting beam (3)
- Exhaust silencers for openskid gensets

ELECTRICAL OPTIONS

- Earth leakage relay
- Communication modules (Ethernet, 3G, GPS, ...)
- Battery switch (3)
- Expansions modules for inputs and outputs (4)
- Remote annunciator and remote display (4)
- Automatic fuel transfer system (4)
- Preheating system
- Motorized circuit breaker (2)
- Synchronizing controllers Qc3012-3111 (2)
- Circuit breaker for openskid gensets (3)

(1) Optional on some models
(2) Not available on all models
(3) Standard on some models
(4) Only compatible with Qc2212-3012-3111

Find all technical sheets at **www.atlascopco.com/industrialgenerators**

www.atlascopco.com

No noise? No problem!

Silent enough to be used in a residential area.

1MW of power with less than 70dB(A) noise (15m distance).

Sustainable Productivity

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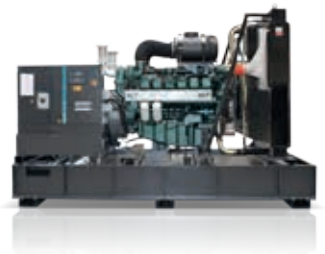
QIS
50 Hz

TECHNICAL DATA

MODEL	Performance Data								Noise level soundproof	
	Rated frequency	Rated voltage*	Prime power (PRP)	Standby power (ESP)	Prime power (PRP)	Standby power (ESP)	Fuel consumption at 75% PRP	Soundproof fuel autonomy 75% PRP	Sound power level (LwA)	Sound pressure level (LpA) at 7m
	Hz	V	kVA	kVA	kW	kW	l/h	h	dB(A)	dB(A)
QIS 10	50	400 / 230	**9**	**10**	7,2	8	2,1	26 / 119	86	59
QIS 16	50	400 / 230	**13,7**	**16**	11	12,8	2,8	19 / 89	90	63
QIS 25	50	400 / 230	**20**	**21,5**	16	17,2	3,9	14 / 64	91	64
QIS 35	50	400 / 230	**30**	**33**	23,8	26	5,6	19 / 86	92	66
QIS 45	50	400 / 230	**42**	**46**	34	37	7,2	14 / 66	92	66
QIS 70	50	400 / 230	**63**	**71**	50	57	10,2	16 / 51	91	65
QIS 90	50	400 / 230	**84**	**92**	67	74	13,3	17 / 51	88	61
QIS 110	50	400 / 230	**102**	**112**	81	89	16,9	14 / 40	90	63
QIS 135	50	400 / 230	**123**	**135**	99	108	20	19 / 48	91	65
QIS 175	50	400 / 230	**157**	**173**	126	139	25,9	14 / 37	92	66
QIS 215	50	400 / 230	**197**	**217**	157	173	34,8	11 / 27	97	71
QIS 220	50	400 / 230	**200**	**220**	160	176	31,7	15 / 46	92	65
QIS 330	50	400 / 230	**300**	**330**	240	264	47	10 / 31	97	72
QIS 225	50	400 / 230	**200**	**220**	160	176	34	12 / 35	97	71
QIS 275	50	400 / 230	**249**	**275**	199	220	43,1	9 / 27	97	71
QIS 335	50	400 / 230	**300**	**330**	240	264	44,9	13 / 36	97	71
QIS 355	50	400 / 230	**321**	**352**	257	281	48,3	12 / 34	97	71
QIS 415	50	400 / 230	**383**	**418**	306	334	57,1	10 / 28	97	71
QIS 435	50	400 / 230	**400**	**437**	320	350	60,8	10 / 27	97	71
QIS 505	50	400 / 230	**459**	**509**	367	407	69,2	9 / 23	97	71
QIS 545	50	400 / 230	**500**	**546**	400	437	75,1	14 / 28	98	72
QIS 655	50	400 / 230	**597**	**656**	477	525	88,4	12 / 24	99	73
QIS 705	50	400 / 230	**637**	**706**	509	565	95,6	10 / 16	98	72
QIS 470	50	400 / 230	**410**	**470**	328	376	65,1	16,9	98	73
QIS 510	50	400 / 230	**460**	**509**	368	407	72,9	15,1	98	73
QIS 580	50	400 / 230	**524**	**580**	419	464	83,4	13,2	101	76
QIS 630	50	400 / 230	**571**	**630**	457	504	94,2	11,7	101	76
QIS 700	50	400 / 230	**635**	**700**	508	560	103,8	10,6	101	76
QIS 735	50	400 / 230	**680**	**735**	544	588	109	11,8	101	76
QIS 830	50	400 / 230	**752**	**830**	601	664	119,1	10,8	101	76
QIS 875	50	400 / 230	**800**	**874**	640	699	116,2	9,5	103	75
QIS 1015	50	400 / 230	**805**	**1015**	644	812	116,2	9,5	103	75
QIS 1115	50	400 / 230	**1011**	**1115**	809	892	150,6	9,3	104	76
QIS 1250	50	400 / 230	**1144**	**1250**	915	1000	170,1	8,2	104	76
QIS 1420	50	400 / 230	**1270**	**1420**	1016	1136	180,7	7,8	105	77

*Other voltage available, please consult.



	Engine		Alternator		Dimensions soundproofed				Dimensions open skid			
MODEL	Model	Speed control	Model	AVR model	Length	Width	Height	Fuel tank capacity (with optional fuel tank)	Length	Width	Height	Fuel tank capacity (with optional fuel tank)
					mm	mm	mm	l	mm	mm	mm	l
QIS 10	Kubota D1105-BG2	Mechanical	Mecc Alte ECP3-1L/4A	DSR								
QIS 16	Kubota D1703-M-BG	Electronic	Mecc Alte ECP3-3L/4	DSR	1750	840	1155	55 (250)	1500	840	1100	55 (250)
QIS 25	Kubota V2403-M-BG	Electronic	Mecc Alte ECP28-M/4A	DSR								
QIS 35	Kubota V3300-IDI-BG	Electronic	Mecc Alte ECP28-VL/4A	DSR	2220	940	1185	105 (480)	1860	940	1165	105 (480)
QIS 45	Kubota V3800-DI-T-E2BG	Electronic	Mecc Alte ECP32-3S/4B	DSR								
QIS 70	John Deere 4045TF120	Mechanical	Mecc Alte ECP32-2M/4B	DSR	2255	1130	1615	160 (520)	2255	1130	1615	160 (520)
QIS 90	John Deere 4045TF220	Mechanical	Mecc Alte ECP34-1S/4	DSR	2900	1150	1710	230 (680)	2255	1150	1710	230 (680)
QIS 110	John Deere 4045HF120	Mechanical	Mecc Alte ECP34-2S/4	DSR								
QIS 135	John Deere 6068TF220	Mechanical	Mecc Alte ECP34-1L/4	DSR								
QIS 175	John Deere 6068HF120	Mechanical	Mecc Alte ECP34-3L/4	DSR	3265	1150	1860	375 (950)	2700	1150	1860	375 (950)
QIS 215	John Deere 6068HFG20	Mechanical	Mecc Alte ECO38-2S/4	DSR								
QIS 220	Doosan P086 TI	Electronic	Mecc Alte ECO38-2S	DSR	3840	1470	1915	490 (1490)	2990	1470	1760	490 (1490)
QIS 330	Doosan P126 TI-II	Electronic	Mecc Alte ECO38-2L	DSR								
QIS 225	Volvo TAD 733 GE	Electronic	Mecc Alte ECO38-2S	DSR	3675	1400	2065	405 (1180)	3020	1150	2060	415 (945)
QIS 275	Volvo TAD 734 GE	Electronic	Mecc Alte ECO38-1L	DSR								
QIS 335	Volvo TAD 1341 GE	Electronic	Mecc Alte ECO38-2L	DSR								
QIS 355	Volvo TAD 1341 GE	Electronic	Mecc Alte ECO38-3L	DSR								
QIS 415	Volvo TAD 1343 GE	Electronic	Mecc Alte ECO40-1S	DER1	4580	1500	2235	590 (1625)	3340	1150	2210	525 (1430)
QIS 435	Volvo TAD 1344 GE	Electronic	Mecc Alte ECO40-1S	DER1								
QIS 505	Volvo TAD 1345 GE	Electronic	Mecc Alte ECO40-3S	DER1								
QIS 545	Volvo TAD 1641 GE	Electronic	Mecc Alte ECO40-3S	DER1	5000	1650	2300	1055 (2100)	3950	1550	2560	1035 (2785)
QIS 655	Volvo TAD 1642 GE	Electronic	Mecc Alte ECO40-1,5L	DER1								
QIS 705	Volvo TWD 1643 GE	Electronic	Mecc Alte ECO40-2L	DER1	5600	1860	2300	960 (1500)				
QIS 470	Doosan P158 LE	Electronic	Mecc Alte ECO40-2S	DER1								
QIS 510	Doosan DP158 LC	Electronic	Mecc Alte ECO40-3S	DER1								
QIS 580	Doosan DP158 LD	Electronic	Mecc Alte ECO40-1L	DER1	4800	1870	2395	1090	3335	1870	2315	1090
QIS 630	Doosan DP180 LA	Electronic	Mecc Alte ECO40-1.5L	DER1								
QIS 700	Doosan DP180 LB	Electronic	Mecc Alte ECO40-2L	DER1								
QIS 735	Doosan DP222 LB	Electronic	Mecc Alte ECO40-2L	DER1	5200	1870	2575	1285	3620	1870	2385	1285
QIS 830	Doosan DP222 LC	Electronic	Mecc Alte ECO43-1S	DER1								
QIS 875	MTU 12V2000G26F (3E)	Electronic	Mecc Alte ECO43-1S	DER1	5600	1860	2430	1100				
QIS 1015	MTU 12V2000G86F	Electronic	Mecc Alte ECO43-2S	DER1					4485	2220	2485	950
QIS 1115	MTU 16V2000G76F	Electronic	Mecc Alte ECO43-1M	DER1								
QIS 1250	MTU 16V2000G86F	Electronic	Mecc Alte ECO43-2M	DER1	6500	2040	2680	1400				
QIS 1420	MTU 18V2000G76F	Electronic	Mecc Alte ECO43-2L	DER1					4580	2220	2485	950

Please check QIS specific technical datasheets on your **atlascopco.com** website.

QIS
60 Hz

TECHNICAL DATA

	Performance Data								Noise level soundproof	
MODEL	Rated frequency	Rated voltage*	Prime power (PRP)	Standby power (ESP)	Prime power (PRP)	Standby power (ESP)	Fuel consumption at 75% PRP	Soundproof fuel autonomy 75% PRP	Sound power level (LwA)	Sound pressure level (LpA) at 7m
	Hz	V	kVA	kVA	kW	kW	l/h	h	dB(A)	dB(A)
QIS 10	60	220 / 127	11	12,6	**8,8**	**10,1**	2,4	20 / 92	88	61
QIS 15	60	220 / 127	16,6	18,8	**13,3**	**15**	3,4	16 / 75	92	65
QIS 19	60	220 / 127	23	23,6	**18,4**	**18,9**	4,8	11,7 / 53	91	64
QIS 30	60	220 / 127	34,1	36,6	**27,3**	**29**	6,4	16 / 75	94	68
QIS 45	60	220 / 127	50	54	**40**	**43**	8,6	12 / 56	93	67
QIS 60	60	480 / 277	75	78	**60**	**62**	12,6	13 / 41	95	69
QIS 85	60	480 / 277	94	105	**76**	**84**	16	14 / 43	91	64
QIS 100	60	480 / 277	113	124	**90**	**99**	19	12 / 36	93	67
QIS 120	60	480 / 277	136	150	**109**	**120**	24,6	15 / 39	95	69
QIS 150	60	480 / 277	171	188	**137**	**151**	31,7	12 / 30	97	71
QIS 170	60	480 / 277	194	216	**155**	**172**	36,7	10 / 26	100	74
QIS 200	60	480 / 277	230	241	**184**	**193**	37,7	13 / 38	97	71
QIS 300	60	480 / 277	350	377	**280**	**302**	56	8 / 26	100	75
QIS 205	60	480 / 277	223	248	**179**	**199**	34	12 / 35	100	74
QIS 235	60	480 / 277	252	283	**202**	**226**	43,1	9 / 27	100	74
QIS 305	60	480 / 277	344	378	**275**	**302**	44,9	13 / 36	100	74
QIS 365	60	480 / 277	414	454	**331**	**363**	57,1	10 / 28	100	74
QIS 405	60	480 / 277	456	502	**365**	**402**	60,8	10 / 27	100	74
QIS 515	60	480 / 277	573	645	**459**	**516**	75,1	14 / 28	101	75
QIS 555	60	480 / 277	628	689	**503**	**552**	88,4	12 / 24	102	76
QIS 605	60	480 / 277	693	762	**554**	**610**	95,6	10 / 16	101	75
QIS 400	60	480 / 277	450	500	**360**	**400**	74,7	14,7	101	76
QIS 450	60	480 / 277	526	563	**421**	**450**	83,4	13,2	101	76
QIS 500	60	480 / 277	572	625	**457**	**500**	92,9	11,8	104	79
QIS 540	60	480 / 277	642	642	**514**	**544**	106,6	10,4	104	79
QIS 610	60	480 / 277	629	765	**554**	**612**	114,2	9,6	104	79
QIS 710	60	480 / 277	808	893	**646**	**714**	127,7	10	104	79
QIS 740	60	480 / 277	849	925	**679**	**740**	134,4	9,6	104	79

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*Other voltage available, please consult.

	Engine		Alternator		Dimensions soundproofed				Dimensions open skid			
MODEL	Model	Speed control	Model	AVR model	Length	Width	Height	Fuel tank capacity (with optional fuel tank)	Length	Width	Height	Fuel tank capacity (with optional fuel tank)
					mm	mm	mm	l	mm	mm	mm	l
QIS 10	Kubota D1105-BG2	Mechanical	Mecc Alte ECP3-1L/4A	DSR	1750	840	1155	55 (250)	1500	840	1100	55 (250)
QIS 15	Kubota D1703-M-BG	Electronic	Mecc Alte ECP3-3L/4	DSR								
QIS 19	Kubota V2403-M-BG	Electronic	Mecc Alte ECP28-M/4A	DSR								
QIS 30	Kubota V3300-IDI-BG	Electronic	Mecc Alte ECP28-VL/4A	DSR	2220	940	1185	105 (480)	1860	940	1165	105 (480)
QIS 45	Kubota V3800DI-T-BG 2	Electronic	Mecc Alte ECP32-3S/4B	DSR								
QIS 60	John Deere 4045TF120	Mechanical	Mecc Alte ECP32-2M/4B	DSR	2255	1130	1615	160 (520)	2255	1130	1615	160 (520)
QIS 85	John Deere 4045TF220	Mechanical	Mecc Alte ECP34-1S/4	DSR	2900	1150	1710	230 (680)	2255	1150	1710	230 (680)
QIS 100	John Deere 4045HF120	Mechanical	Mecc Alte ECP34-2S/4	DSR								
QIS 120	John Deere 6068TF220	Mechanical	Mecc Alte ECP34-1L/4	DSR	3265	1150	1860	375 (950)	2700	1150	1860	375 (950)
QIS 150	John Deere 6068HF120	Mechanical	Mecc Alte ECP34-2L/4	DSR								
QIS 170	John Deere 6068HFG20	Mechanical	Mecc Alte ECO38-1S/4	DSR								
QIS 200	Doosan P086 TI	Electronic	Mecc Alte ECO38-2S	DSR	3840	1470	1915	490 (1490)	2990	1470	1760	490 (1490)
QIS 300	Doosan P126 TI-II	Electronic	Mecc Alte ECO38-2L	DSR								
QIS 205	Volvo TAD 733 GE	Electronic	LSA 46.3 S3	R450	3675	1400	2065	405 (1180)	3020	1150	2060	415 (945)
QIS 235	Volvo TAD 734 GE	Electronic	LSA 46.3 S4	R450								
QIS 305	Volvo TAD 1341 GE	Electronic	LSA 46.3 M8	R450	4580	1500	2235	590 (1625)	3340	1150	2210	525 (1430)
QIS 365	Volvo TAD 1343 GE	Electronic	LSA 46.3 L11	R450								
QIS 405	Volvo TAD 1344 GE	Electronic	LSA 47.2 VS2	R450								
QIS 515	Volvo TAD 1641 GE	Electronic	LSA 47.2 M7	R450	5000	1650	2300	1055 (2100)	3950	1550	2560	1035 (2785)
QIS 555	Volvo TAD 1642 GE	Electronic	LSA 47.2 M8	R450								
QIS 605	Volvo TWD 1643 GE	Electronic	LSA 47.2 L9	R450	5600	1860	2330	960 (1500)				
QIS 400	Doosan P158 LE	Electronic	Mecc Alte ECO40-1S	DER1	4800	1870	2395	1090	3335	1870	2315	1090
QIS 450	Doosan DP158 LC	Electronic	Mecc Alte ECO40-2S	DER1								
QIS 500	Doosan DP158 LD	Electronic	Mecc Alte ECO40-3S	DER1								
QIS 540	Doosan DP180 LA	Electronic	Mecc Alte ECO40-1L	DER1								
QIS 610	Doosan DP180 LB	Electronic	Mecc Alte ECO40-1.5L	DER1								
QIS 710	Doosan DP222 LB	Electronic	Mecc Alte ECO40-VL	DER1	5200	1870	2575	1285	3620	1870	2385	1285
QIS 740	Doosan DP222 LC	Electronic	Mecc Alte ECO40-VL	DER1								

Portable Energy Solutions Portfolio

AIR COMPRESSORS

READY TO GO
- 1-5 m³/min
- 7-12 bar

VERSATILITY
- 5,5-22 m³/min
- 7-20 bar

PRODUCTIVITY PARTNER
- 19-116 m³/min
- 10-345 bar

Diesel and electric options available

GENERATORS

PORTABLE
- 1,6-13,9 kVA

MOBILE
- 9-1250* kVA

INDUSTRIAL
- 10-1250* kVA

*Multiple configurations available to produce power for any size application

DEWATERING PUMPS

ELECTRIC SUBMERSIBLE
- 250-16.500 l/min

CENTRIFUGAL
- 833-23.300 l/min

SMALL PORTABLE
- 210-2500 l/min

Diesel and electric options available

LIGHT TOWERS

LED

METAL HALIDE

ELECTRIC

Committed to sustainable productivity

Atlas Copco's Portable Energy division has a forward-thinking philosophy. For us, creating customer value is all about anticipating and exceeding your future needs – while never compromising our environmental principles. Looking ahead and staying ahead is the only way we can ensure we are your long term partner.

www.atlascopco.com

Atlas Copco