



*Atlas Copco*



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QIS 115



The QIS  
generation

# The 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 with the new models up to 705 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

PLUG & PLAY  
INSTALLATION

SCADA  
INTEGRATION

DOCUMENTED  
AND GUARANTEED  
RESULTS

<2 HR  
SERVICE

Atlas Copco



# QIS generation provides peace of mind

From critical stand-by to stationary prime or peak shaving.



# QIS range

## Key benefits

### INTEGRATED CONTROL AND POWER CUBICLE

- Qc2112 Digital controller for AMF, remote and local start applications.
- Modbus RS485 available for SCADA integration
- 4 Pole breaker
- Emergency stop
- Battery charger <sup>(1)</sup>



### SUPERIOR ACCESSIBILITY

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



### EASY TO MOVE

- Integrated forklift slots (galvanized above 200 kVA)
- Lifting structure with single elevation point <sup>(1)</sup>



### PLUG AND PLAY CONNECTION

- Pass through cable path with natural bend
- Rain cap
- Hot parts, fan and belt protection <sup>(1)</sup>
- Retention bund 110% self containment with level sensor alarm <sup>(1)</sup>

## SUPERIOR PERFORMANCE

- High Cooling performance with the Atlas Copco Parcool, safeguarding 100% Standby Power
- Sound attenuated and anti-corrosion steel enclosure
- Atlas Copco Alternator IP 23 Shunt with optional Auxiliary Winding
- Electronic governor engine and electronic engines

## SERVICE EFFICIENCY

- Decreased service downtime due to heavy duty fuel filtration system with water separator <sup>(1)</sup>
- Dual stage air filtration
- 500 hours service interval



## 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



### MECHANICAL OPTIONS

- Synthetic oil
- Hot part protection
- Oil sump pump
- Water separator fuel pre-filter <sup>(3)</sup>
- High capacity fuel tank
- Lifting beam
- Galvanized extra skid
- Spillage free liquid detection sensor
- External fuel connection (EFT) with quick couplings
- Canopy and open frame versions



### ELECTRICAL OPTIONS

- Earth leakage relay
- Communication modules (Ethernet, 3G, GPS, ...) <sup>(4)</sup>
- Battery switch, block coolant heater, battery charger and earth stick
- Expansions modules for inputs and outputs <sup>(4)</sup>
- Remote annunciator and remote display <sup>(4)</sup>
- Automatic fuel transfer system <sup>(4)</sup>
- Auxiliary winding for inrush starting capability
- Qc2212 Advance digital controller for AMF, remote and local start applications <sup>(3)</sup>
- Qc3012 Advance digital controller for parallel
- Alternator heater for safe and secure starting

<sup>(1)</sup> Optional on some models

<sup>(2)</sup> Not available on all models

<sup>(3)</sup> Standard on some models

<sup>(4)</sup> Only compatible with Qc2212 and Qc3012

# QIS range

## Technical data



QIS 35-45



QIS 65



QIS 95-135



QIS 200-275



QIS 415-505

Performance data		QI/QIS 35	QI/QIS 45	QI/QIS 65	QI/QIS 95	QI/QIS 115	QI/QIS 135	QI/QIS 200	QI/QIS 275	QI/QIS 415	QI/QIS 505
Rated frequency	Hz	50	50	50	50	50	50	50	50	50	50
Rated voltage*	V	400	400	400	400	400	400	400	400	400	400
Prime power (PRP)	kVA / kW	32/26	37/30	60/48	90/72	100/80	125/100	180/144	250/200	380/304	450/360
Standby power (ESP)	kVA / kW	33/26	45/36	64/51	96/77	112/90	135/108	194/155	272/218	414/331	502/402
Performance class		G2	G2	G2	G2	G2	G2	G2	G2	G2	G2
Fuel consumption											
Fuel tank capacity (Standard / 24h / 48h)	l	116 / 303 / 604	116 / 303 / 604	104 / 347 / 600	225 / 646 / 1273	225 / 646 / 1273	225 / 646 / 1273	520 / 900	520 / 900	605	605
Fuel consumption at 75% PRP	l/h	5,8	6,5	10,1	14,3	16,6	20	27,7	35,0	56,6	67,8
Fuel autonomy 75% PRP	h	20,1	18	10,3	15,7	13,6	11,2	18,8	14,9	10,7	8,9
Fuel consumption 75% ESP	l/h	5,9	7,8	10,9	16,2	18,6	21,4	30,0	39,1	63,1	91,0
Fuel autonomy 75% ESP	h	19,7	14,9	9,6	13,9	12,1	10,5	17,3	13,3	9,6	6,7
Control panel											
Model -- standard		Qc2011	Qc2011	Qc2011	Qc2011	Qc2011	Qc2011	Qc2011	Qc2011	Qc2112	Qc2112
Battery Charger (Optional)		DSE9150	DSE9150	DSE9255	DSE9255	DSE9255	DSE9255	DSE9255	DSE9255	DSE9255	DSE9255
Engine											
Model		Kubota V3300-E2BG	Kubota V3800DI-T-E2BG	Cummins 4BTA3.9-G2	Cummins 6BT5.9-G2	Cummins 6BT5.9-G2	Cummins 6BTA5.9-G2	6CTA8.3-G2	6LTA8.9-G2	TAD1343GE	TAD1345GE
Prime power	kWm	25	34,1	58	86	96	120	158	215	325	388
Standby power	kWm	27,5	47,7	64	92	106	130	175	235	356	389
Speed	rpm	1500	1500	1500	1500	1500	1500	1500	1500	1500	1500
Number of cylinders		4	4	4	6	6	6	6	6	6	6
Coolant		water-cooled	water-cooled	water-cooled	water-cooled	water-cooled	water-cooled	water-cooled	water-cooled	water-cooled	water-cooled
Speed control		Electronic governor	Electronic governor	Electronic governor	Electronic governor	Electronic governor	Electronic governor	Electronic governor	Electronic governor	Electronic	Electronic
Alternator											
Model		ACA180E	ACA180G	ACA225D	ACA225G	ACA270B	ACA270C	ACA270F	ACA270J	ACA315F	ACA315H
Continuous power at 125°/40°	kVA	32	42,5	60	90	100	125	180	250	380	450
Standby power at 163°/27°	kVA	33	45	63,5	95,8	112	135	194	275	415	505
IP alternator		IP23	IP23	IP23	IP23	IP23	IP23	IP 23	IP 23	IP23	IP23
Excitation system		Shunt	Shunt	Shunt	Shunt	Shunt	Shunt	Shunt	Shunt	Shunt	Shunt
AVR model		SX460	SX460	SX460	SX460	SX460	SX460	SX460	SX460	AS440	AS440
Noise level											
Sound power level (LwA) with foam CE	dB(A)	93	94	94	94	94	97	NA	NA	NA	NA
Sound pressure level (LpA) at 7m foam CE	dB(A)	67	69	69	69	70	74	NA	NA	NA	NA
Sound power level (LwA)	dB(A)	97	96	98	101	102	103	105	103	109	109
Sound pressure level (LpA) at 7m	dB(A)	71	71	72	75	77	78	79	78	84	84
Dimensions and weight (canopy)											
Length (standard)	mm	2225	2225	2280	2910	2910	2910	3410	3410	4580	4580
Width (standard)	mm	970	970	980	1120	1120	1120	1250	1250	1500	1500
Height (Standard / 24h / 48h**)	mm	1185 / 1408 / 1741	1185 / 1408 / 1741	1265 / 1583 / 1754	1685 / 2060 / 2235	1685 / 2060 / 2235	1685 / 2060 / 2235	2224 / 2407	2224 / 2407	2105	2105
Weight wet without fuel (Standard / 24h / 48h*)	kg	876 / 1180 / 1300	896 / 1200 / 1300	1175 / 1350 / 1400	1464 / 2000 / 2180	1494 / 2000 / 2180	1538 / 2005 / 2185	2380 / 2523	2908 / 3051	4303	4365
Skid dimensions (L x W x H)	mm	2599 x 960 x 150	2599 x 960 x 150	2594 x 960 x 150	3145 x 1097 x 150	3145 x 1097 x 150	3145 x 1097 x 150	3810 x 1340 x 200	3810 x 1340 x 200	4999 x 1510 x 150	4999 x 1510 x 150
Skid weight	kg	137	137	137	137	166	166	205	205	240	240

\*Other voltage available, please consult.

\*\*48h available < 135kVA

# QIS range

## Technical data



QIS 555-705



QIS 30-43



QIS 60



QIS 95-125

Performance data		QI/QIS 555	QI/QIS 705	QI/QIS 30	QI/QIS 43	QI/QIS 60	QI/QIS 95	QI/QIS 110	QI/QIS 125
Rated frequency	Hz	50	50	60	60	60	60	60	60
Rated voltage*	V	400	400	220	220	480	480	480	480
Prime power (PRP)	kVA / kW	500/400	637/509	34/27	50/40	70/56	108/87	123/98	144/112
Standby power (ESP)		555/444	705/564	36/29	53/42	78/63	118/94	134/107	153/122
Performance class	Hz	G2	G2	G2	G2	G2	G2	G2	G2
Fuel consumption									
Fuel tank capacity (Standard / 24h / 48h)	l	980	980	116 / 303 / 604	116 / 303 / 604	104 / 347 / 600	225 / 646 / 1273	225 / 646 / 1273	225 / 646 / 1273
Fuel consumption at 75% PRP	l/h	95,9	96,6	6,1	9,4	12,0	19,3	19,4	22,8
Fuel autonomy 75% PRP	h	10,2	10,1	19,2	12,3	8,7	11,7	11,6	9,9
Fuel consumption 75% ESP	l/h	89,3	108,0	6,7	10,2	13,0	20,9	22,3	26,7
Fuel autonomy 75% ESP	h	11,0	9,1	17,4	11,4	8,0	10,8	10,1	8,4
Control panel									
Model - standard		Qc2112	Qc2112	Qc2011	Qc2011	Qc2011	Qc2011	Qc2011	Qc2011
Battery charger		DSE9255	DSE9255	DSE9150	DSE9150	DSE9255	DSE9255	DSE9255	DSE9255
Engine									
Model		TAD1641GE	TWD1643GE	Kubota V3300-E2BG	Kubota V3800DI-T-E2BG	Cummins 4BTA3.9-G2	Cummins 6BT5.9-G2	Cummins 6BT5.9-G2	Cummins 6BTA5.9-G2
Prime power	kWm	430	536	30,6	43,7	64,8	95,3	110,3	123,4
Standby power	kWm	473	596	33,7	48,1	71,8	105,3	122,3	136,4
Speed	rpm	1500	1500	1800	1800	1800	1800	1800	1800
Number of cylinders		6	6	4	4	4	6	6	6
Coolant		water-cooled	water-cooled	water-cooled	water-cooled	water-cooled	water-cooled	water-cooled	water-cooled
Speed control		Electronic	Electronic	Electronic governor	Electronic governor	Electronic governor	Electronic governor	Electronic governor	Electronic governor
Alternator									
Model		ACA355C	ACA355E	ACA180E	ACA180G	ACA225D	ACA225G	ACA270B	ACA270C
Continuous power at 125°/40°	kVA	550	670	37,5	50	75	103	126	150
Standby power at 163°/27°   150°/40°	kVA	590	738	40	53,5	81	119	139	162
IP alternator		IP23	IP23	IP23	IP23	IP23	IP23	IP23	IP23
Excitation system		Shunt	Shunt	Shunt	Shunt	Shunt	Shunt	Shunt	Shunt
AVR model		AS440	AS440	SX460	SX460	SX460	SX460	SX460	SX460
Noise level									
Sound power level (LwA) with foam CE	dB(A)	NA	NA	NA	NA	NA	NA	NA	NA
Sound pressure level (LpA) at 7m with foam CE	dB(A)	NA	NA	NA	NA	NA	NA	NA	NA
Sound power level (LwA)	dB(A)	110	110	93,3	94,1	95,4	96,5	101,9	105
Sound pressure level (LpA) at 7m	dB(A)	85	85	71	70	67	75	77	78
Dimensions and weight (canopy)									
Length (standard)	mm	4590	4590	2225	2225	2280	2910	2910	2910
Width (standard)	mm	1860	1860	970	970	980	1120	1120	1120
Height (Standard / 24h / 48h*)	mm	2435	2435	1185 / 1408 / 1741	1185 / 1408 / 1741	1265 / 1583 / 1754	1685 / 2060 / 2235	1685 / 2060 / 2235	1685 / 2060 / 2235
Weight wet without fuel (Standard / 24h / 48h*)	mm	5845	6315	876 / 1180 / 1300	896 / 1200 / 1300	1175 / 1350 / 1400	1464 / 2000 / 2180	1494 / 2000 / 2180	1538 / 2005 / 2185
Skid dimensions (L x W x H)	mm	5009 x 1860 x 150	5009 x 1860 x 150	2599 x 960 x 150	2599 x 960 x 150	2594 x 960 x 150	3145 x 1097 x 150	3145 x 1097 x 150	3145 x 1097 x 150
Skid weight	mm	362	362	137	137	137	137	166	166

Please check QIS specific technical datasheets on your [atlascopco.com](http://atlascopco.com) website.

# Product Portfolio

## GENERATORS

**PORTABLE**  
1,6-12 kVA



**MOBILE**  
9-1250\* kVA



**INDUSTRIAL**  
10-2250\* kVA



**CONTAINERS**  
800-1450 kVA



\*Multiple configurations available to produce power for any size application

## DEWATERING PUMPS

**ELECTRIC SUBMERSIBLE**  
250-23.300 l/min



**SURFACE PUMPS**  
833-23.300 l/min



**SMALL PORTABLE**  
210-2500 l/min



Diesel and electric options available

## LIGHT TOWERS

**DIESEL LED AND MH**



**BATTERY LED**



**ELECTRIC LED**



## AIR COMPRESSORS AND HANDHELD TOOLS

**AIR COMPRESSORS**  
1-116 m<sup>3</sup>/min  
7-345 bar



**HANDHELD TOOLS**  
Pneumatic  
Hydraulic  
Petrol engine driven



## ONLINE SOLUTIONS

**SHOP ONLINE PARTS ONLINE**

Find and order the spare parts for power equipment. Handle your orders 24 hours a day



**POWER CONNECT**

Scan the QR code on your machine, and go to the QR Connect Portal to find all the information about your machine



**FLEETLINK**

Intelligent telematics system that helps optimise fleet usage, reduce maintenance cost and ultimately saving time and costs



**Atlas Copco**

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