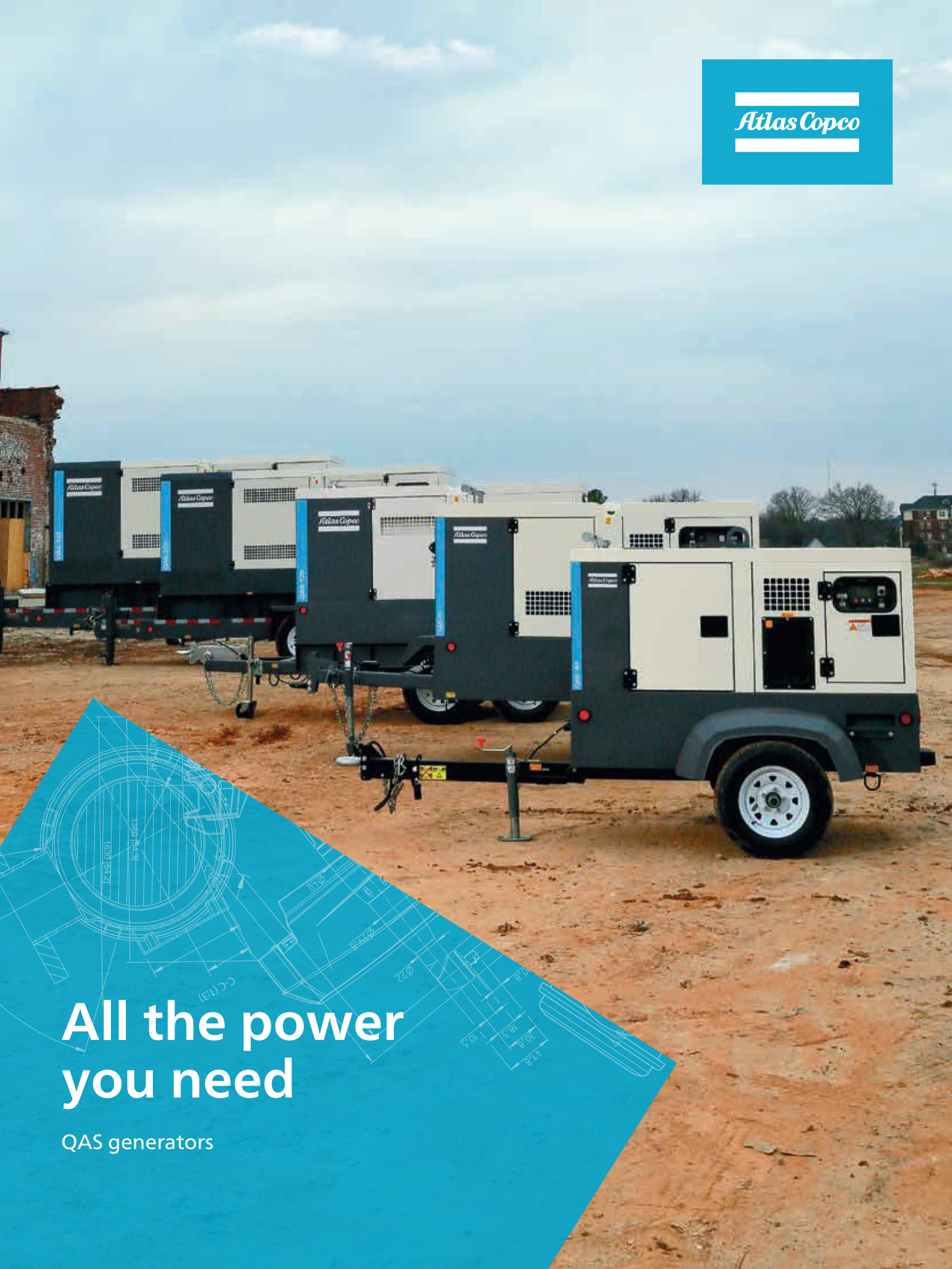


All the power you need

QAS generators

QAS generators

The QAS generator range was designed specifically for the needs of the US market. The range has been completely overhauled and incorporates nine models covering power rating from 25 to 625 kVA. All QAS generators include the latest Tier 4 Final engine and have a footprint that is up to 20 per cent smaller than the previous generation. The starting mechanism ensures that stable power is achieved in less than six seconds.

The range is all about the user experience and maintaining the value of your asset. It's packed with features that make operating, transporting and maintenance as easy as possible.

What is more, up to 32 units of the QAS 625 can be linked together in paralleling for specialized applications, providing up to 20MVA of stable and reliable power.

SERVICE <2 Hrs EVERY 500 H

DOUBLE RUNTIME UP TO 40 H FUEL TANK

20% LESS FOOTPRINT

STABLE POWER <6 SECONDS

2 CLICKS TO POWER

ALL ENGINES TIER 4F

UP TO 20 MVA STABLE POWER

DUAL STAGE FILTERING

CORROSION RESISTANT CANOPY (1000 HOUR SALT TEST)

Data may change depending on models.

Make the Perfect Power

When you need power, maybe a single generator is not always the most efficient solution. Does the application load vary? Do you need prime power for long term projects on a remote site? Do you need a semi-permanent installation that can be upgraded or downgraded?

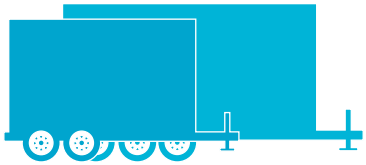
A Modular Power Plant (or paralleling multiple generators) is the efficient solution if you answered yes to any of the above questions. Simply, this is a configuration of generators working together.

We have developed a unique Power Management System (PMS). The PMS system enables the optimization of fuel consumption and expands the generator's lifetime. PMS manages the quantity of generators running in parallel with load demand, starting and stopping units in line with increases or decreases in load. In this way, the load on each generator remains at a level which optimizes fuel consumption. It also eliminates the need for generators to run with low load levels, which can cause engine damage and shorten the life expectancy of the equipment.

Make the Perfect Power

When QAS generators' work in parallel, you get the power you need – when you need it!

QAS 250 to QAS 625
Specialized power



EASY ACCESS AND SERVICE

- Its large doors guarantee an easy service and access to all components

The CAM Lock Connection Switch has been designed to ensure a safe way of transferring power. The Multi voltage switch helps to guarantee less than 6 seconds for stable power

CAM Lock panel: 4 rows of 400 Amps

Ergonomic and easy access terminal board

Receptables with protection

REAR CUBICLE ACCESS

- "Plug and play" connectivity principle that is designed to provide a safe, fast and flexible energy supply with the minimum of operator hassle

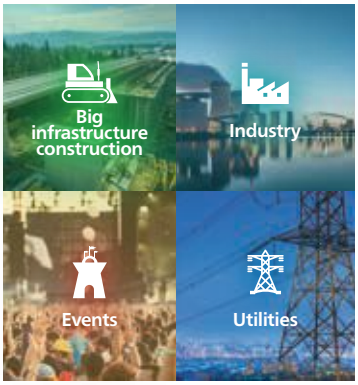
DESIGNED TO BE MOVED AROUND

- The single lifting eye is one of the key features on the QAS 625
- Easy to move around thanks to its triple axle trailer

ALL UNDER CONTROL

- Clear window in door for at a glance viewing of controller and system
- User friendly and easy paralleling thanks to the Qc4003 controller that allows an easy connection, configuration and performance!
- Unique TDU touch screen*

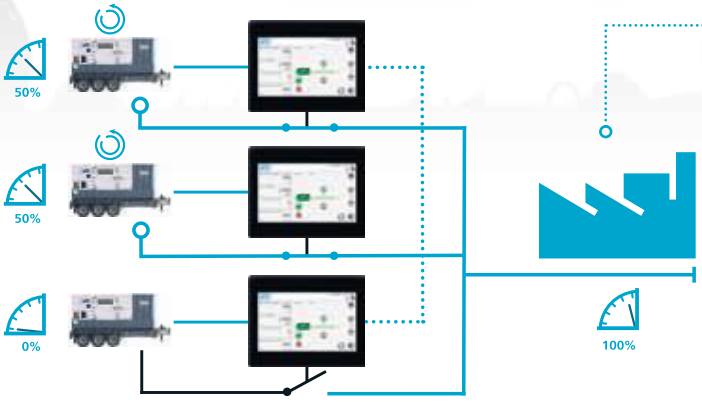
MAIN APPLICATIONS



MULTIVOLTAGE SWITCH

- You can modify the voltage output you need in few seconds
- Voltage of 480V, 208/240V, 240/120V

UP TO 20 MVA STABLE POWER



available on QAS 95-625 only

POWER MANAGEMENT SYSTEM

- Increase the efficiency of a power plant by starting/stop the generators automatically based on load demand, reducing fuel consumption, utilization of machines, noise level and increasing engine lifetime. Up to 32 QAS 625 can be linked together to provide up to 20 MVA of stable power.

*option

QAS 25 to QAS 200 New
General rental

INTEGRATED DOOR SEALING SYSTEM

- Every QAS has a unique foam and seal layering system inside the doors. This ensures water-tightness and improved sound attenuation.

ENVIRONMENTAL FRIENDLY

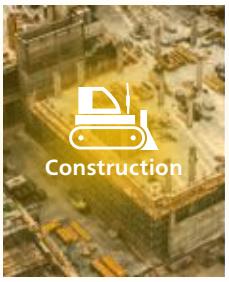
- Spillage free frame is standard accross the range.

SAFE AND EASY MOVEMENT

- QAS generators pack an impresive amount of power into a compact yet heavy duty, weather proof, sound attenuated enclosure. Available in either a skid mount or trailer mounted configuration, it is adaptable to whatever your job site demands.

DIRT AND DUST. NO PROBLEM!

- All QAS generators have dual stage filtration with a safety cartridge and dual stage air cleaning. This centrifugal dust separation system and heavy duty filtration system prolongs the life of your generator.



ANTI-RUST CANOPY

- The QAS canopy has a unique 'no weld' corner design. Eliminating a traditional 'rusting' spot. Every units undergoes a salt-wash test ensuring the canopy stays tough, even in the harshest conditions.

INDUSTRY- LEADING COMPACTINESS

- With our integrated trailers, its not just about ease of movement – we also reduce the footprint by up to 20%.

UP TO 20% MORE COMPACT THAN OTHER UNITS

QAS 25 to QAS 200 General rental

New

PUTTING YOU IN CONTROL

- We believe a controller should be intuitive and simple, but still put you in complete control. Our controller features the latest technology featuring advanced warning and alert parameters.

- When you need power, maybe a single generator is not always the most efficient solution. We had developed a unique Power Management System (PMS). The PMS system enables the optimisation of fuel consumption and expands the generator´s lifetime. PMS manages the quantity of generators running in parallel with load demand, starting and stopping units in line with increases or decreases in load.

SIMPLE SERVICE

- Our standardized modular cubicle aids simple service and ensures simplicity when it comes to wiring and even paralleling. What´s more, all QAS generators feature an external emergency stop button as standard-no need to open any doors to access!

ERGONOMIC SOCKET CONNECTIONS

- This may sound like a basic feature but are you tired of having to bend down to connect the sockets? Take away the pain with the QAS range and it's easy access sockets.

EASY-FILL SYSTEM

- The QAS generator has an external simple-fill mechanism for both fuel and DEF. This one click mechanism makes refueling a breeze.

QAS range

Technical data

		QAS 25 ID	QAS 45 ID	QAS 70 ID	QAS 95 JD
					
Performance		**25 kVA**	**45 kVA**	**70 kVA**	**95 kVA**
Frequency	Hz	60	60	60	60
Rated prime power 3ø	kW/kVA	20 / 25	36 / 45	56 / 70	76 / 95
Rated standby power 3ø	kW/kVA	22 / 28	40 / 50	60 / 75	83 / 104
3ø Power factor		0.8	0.8	0.8	0.8
3ø Voltage in 480V switch position (series star w/neutral)	V	480Y / 277	480Y / 277	480Y / 277	480Y / 277
Amp Capacity @480V	A	30	54	90	120
3ø Voltage in 240-208V switch position (parallel star w/neutral)	V	240YY / 139 - 208YY	240YY / 139 - 208YY	240YY / 139 - 208YY	240YY / 139-208YY
Amp Capacity @240V	A	60	108	180	240
Amp Capacity @208V	A	69	125	180	240
3Ø Voltage in 400V 50 Hz switch position (series star w/neutral)	V	N/A	N/A	N/A	N/A
Amp Capacity @400V 50 Hz	A	N/A	N/A	N/A	N/A
Rated prime power 1ø	kW/kVA	16 / 16	27 / 27	39 / 39	52 / 52
1ø Power factor		1.0	1.0	1.0	1.0
1ø Voltage in 120-240V switch position (Zig-Zag)	V	240 / 120	240 / 120	240 / 120	240 / 120
Amp Capacity @240V	A	54	90	130	217
Amp Capacity @120V	A	54 x2	90 x2	130 x2	217 x2
Main breaker - Shunt trip	A	63	125	200	400
Power distribution - Terminal board		5 Wire (L1, L2, L3, N, Ground)			
Terminal board connections		Bare wire Terminals			
Maximum terminal cable size		350 MCM			
Convenience receptacles		2 x NEMA 5-20R & 2 x 125/250V 50A CS6364			2 x NEMA 5-20R & 3 x 125/250V 50A CS6364
Max. sound pressure level (LPA) @23' @75% Load	dB(A)	67	67	67	73
Fuel consumption					
Fuel tank capacity	gal (l)	72.5 (274)	72.5 (274)	110 (416)	166 (628)
Fuel consumption at full load (PRP)	gal/h (l/h)	1.63 (6.2)	2.76 (10.4)	3.95 (15.0)	5.36 (20.3)
Fuel autonomy at full load and 90% of fuel capacity	h	40.0	23.6	25.1	27.9
Alternator					
Model		Leroy Somer 40 M5	Leroy Somer 42.3 S5	Leroy Somer 42.3 L9	Leroy Somer LSA 44.3 S3
Excitation		AREP	AREP	AREP	AREP
Automatic voltage regulator (+/-0.5%)		Leroy Somer R438	Leroy Somer R438	Leroy Somer R438	Leroy Somer R438
Insulation		Class H	Class H	Class H	Class H
Engine					
Model		Isuzu 4LE2T	Isuzu 4LE2X	Isuzu 4JJ1X	John Deere 4045 HFG04
US EPA Family		LSZXL02.2ZTB	LSZXL02.2PXB	LSZXL03.0RXB	LJDXL04.5315
US EPA Tier		Tier 4 Final	Tier 4 Final	Tier 4 Final	Tier 4 Final
Displacement	L	2.2	2.2	2.99	4.5
Cylinders		4	4	4	4
Continuous engine output	HP (kW)	31.5 (23.5)	59 (44)	88 (65.5)	122 (91)
Gross engine power output	HP (kW)	40 (30)	66 (49)	95 (71)	133 (99)
Speed	RPM	1800	1800	1800	1800
Engine control		ECU	ECU	ECU	ECU
Aspiration		Turbocharged	Turbocharged	Turbo w/Intercooler	Turbo w/Intercooler
Engine oil capacity	US Gal (L)	1.9 (7.2)	1.9 (7.2)	3.7 (14)	5.4 (20.5)
Engine coolant capacity	US Gal (L)	3 (11.4)	2.11 (8)	1.6 (6)	2.25 (8.5)
Max. ambient temperature (@Sea Level)	°F (°C)	122 (50)	122 (50)	122 (50)	122 (50)
Min. starting temperature (w/o Cold weather options)	°F (°C)	14 (-10)	14 (-10)	14 (-10)	14 (-10)
Minimum starting temperature (w/ Cold weather options)	°F (°C)	-	-	-13 (-25)	-13 (-25)
Electrical system (Negative ground)	V	12	12	12	12
Engine alternator output	A	50	50	110	90
Battery Capacity (Cold Cranking Amps)	A	685	685	1100	1100
Dimensions and weight					
Dimensions skid / w/Trailer (L x W x H)	in	72 x 34 x 54.5 / 129 x 54 x 66	72 x 34 x 54.5 / 129 x 54 x 66	93 x 41 x 56 / 143 x 65 x 75	108 x 43 x 76 / 160 x 67 x 88
Weight - Skid wet / w/Trailer wet	lbs	2280 / 2565	2500 / 2785	4047 / 4527	5442 / 6342

QAS 125 JD	QAS 150 JD	QAS 200 JD	QAS 250 JD	QAS 330 JD	QAS 625 VD
					
125 kVA	**150 kVA**	**200 kVA**	**250 kVA**	**330 kVA**	**625 kVA**
60	50 | 60	50 | 60	50 | 60	50 | 60	60
100 / 125	120 / 150	160 / 200	200 / 250	264 / 330	500 / 625
102 / 127	132 / 165	176 / 220	220 / 275	290 / 363	550 / 688
0,8	0.8	0.8	0.8	0.8	0.8
480Y / 277	480Y / 277	480Y / 277	480Y / 277	480Y / 277	480Y / 277
150	180	241	301	397	750
240YY / 139-208YY	240YY / 139 - 208YY	240YY / 139 - 208YY	240YY / 139 - 208YY	240YY / 139 - 208YY	240YY / 139 - 208YY
300	361	425	600	794	1500
300	375	493	600	800	1600
N/A	400Y / 231	400Y / 231	400Y / 231	400Y / 231	N/A
N/A	180	237	296	447	N/A
65 / 65	76 / 76	102 / 102	132 / 132	198 / 198	237 / 237
1.0	1.0	1.0	1.0	1.0	1.0
240 / 120	240 / 120	240 / 120	240 / 120	240 / 120	240 / 120
270	316	425	600	800	1000
270 x2	316 x2	425 x2	600 x2	800 x2	1000 x2
400	400	500	800	1000	1600
5 Wire (L1, L2, L3, N, Ground)					
Bare wire Terminals					
350 MCM					
2 x NEMA 5-20R & 3 x 125/250V 50A CS6364	2 x NEMA 5-20R & 3 x 125/250V 50A CS6364	2 x NEMA 5-20R & 3 x 125/250V 50A CS6364	2 x NEMA 5-20R & 2 x 125/250V 50A CS6364	2 x NEMA 5-20R & 2 x 125/250V 50A CS6364	2 x NEMA 5-20R & 3 x 125/250V 50A CS6364
73	70	71	73	73	73
166 (628)	335 (1268)	335 (1268)	385 (1457)	385 (1457)	707 (2676)
7.06 (26.7)	8.2 (31.0)	10.84 (41.0)	14.2 (53.8)	18.3 (69.3)	33.5 (126.8)
21.2	36.8	27.8	34	26	19
Leroy Somer LSA 44.3 S5	Leroy Somer LSA 44.3 M6	Leroy Somer LSA 44.3 VL13	Leroy Somer 46.2 L6	Leroy Somer 46.2 L9	Leroy Somer 47.2 M8
AREP	AREP	AREP	AREP	AREP	AREP
Leroy Somer R438	Leroy Somer R438	Leroy Somer D350	Leroy Somer R450	Leroy Somer R450	Leroy Somer DVC310
Class H	Class H	Class H	Class H	Class H	Class H
John Deere 4045 HFG06	John Deere 6068HFG05	John Deere 6068HFG05	John Deere 6090HFG06	John Deere 6090HFG06	Volvo TWD1672GE
LJDXL0.4.5311	LJDXL06.8312	LJDXL06.8312	LJDXL09.0313	LJDXL09.0313	LVPXL16.1CDC
Tier 4 Final	Tier 4 Final	Tier 4 Final	Tier 4 Final	Tier 4 Final	Tier 4 Final
4.5	6.8	6.8	9	9	16
4	6	6	6	6	6
157 (117)	196 (146)	235 (175)	334 (249)	399 (298)	724 (532)
172 (128)	215 (160)	257 (192)	366 (273)	437 (326)	784 (585)
1800	1800	1800	1800	1800	1800
ECU	ECU	ECU	ECU	ECU	ECU
Turbo w/Intercooler	Turbo w/Intercooler	Turbo w/Intercooler	Turbo w/Intercooler	Turbo w/Intercooler	Two-Stage Turbo w/Intercooler
5.4 (20.5)	8.6 (32.5)	8.6 (32.5)	10.6 (40)	10.6 (40)	10 (38)
2.25 (8.5)	10.5 (39.7)	10.5 (39.7)	13.6 (51)	13.6 (51)	26.6 (100.7)
122 (50)	120 (49)	120 (49)	122 (50)	122 (50)	122 (50)
14 (-10)	14 (-10)	14 (-10)	14 (-10)	14 (-10)	14 (-10)
-13 (-25)	-13 (-25)	-13 (-25)	-13 (-25)	-13 (-25)	-13 (-25)
12	24	24	24	24	24
90	60	60	60	60	80
1100	685 x2	685 x2	1100 x2	1100 x2	1155 x2
108 x 43 x 76 / 160 x 67 x 88	133 x 47 x 76 / 191 x 84 x 90	133 x 47 x 76 / 191 x 84 x 90	158 x 55 x 93 / 218 x 94 x 109	158 x 55 x 93 / 218 x 94 x 109	215 x 70 x 110 / 260 x 102 x 118
5585 / 6485	7465 / 9165	7465 / 9165	11870 / 14175	12050 / 14355	22119 / 25679

Product portfolio

GENERATORS

PORTABLE
1,6–12 kVA

MOBILE
25-1,200* kVA

*Multiple configurations available to produce power for any size application

DEWATERING PUMPS

ELECTRIC SUBMERSIBLE
up to 6,100 US gpm

SURFACE PUMPS
up to 8,500 US gpm

Diesel and electric options available

LIGHT TOWERS

METAL HALIDE

DIESEL LED
ELECTRIC LED

AIR COMPRESSORS AND HANDHELD TOOLS

AIR COMPRESSORS
110-1,800 cfm
58-508 psi

HANDHELD TOOLS
Pneumatic
Hydraulic
Petrol engine driven

ONLINE SOLUTIONS

SHOP ONLINE
PARTS ONLINE

Find and order the spare parts for power equipment. We 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.

LIGHT THE POWER
YOUR SIZING TOOL

A useful calculator to help you choose the best solution for your power and light needs

LightThe Power

FLEETLINK

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

Atlas Copco AB
atlascopco.com