

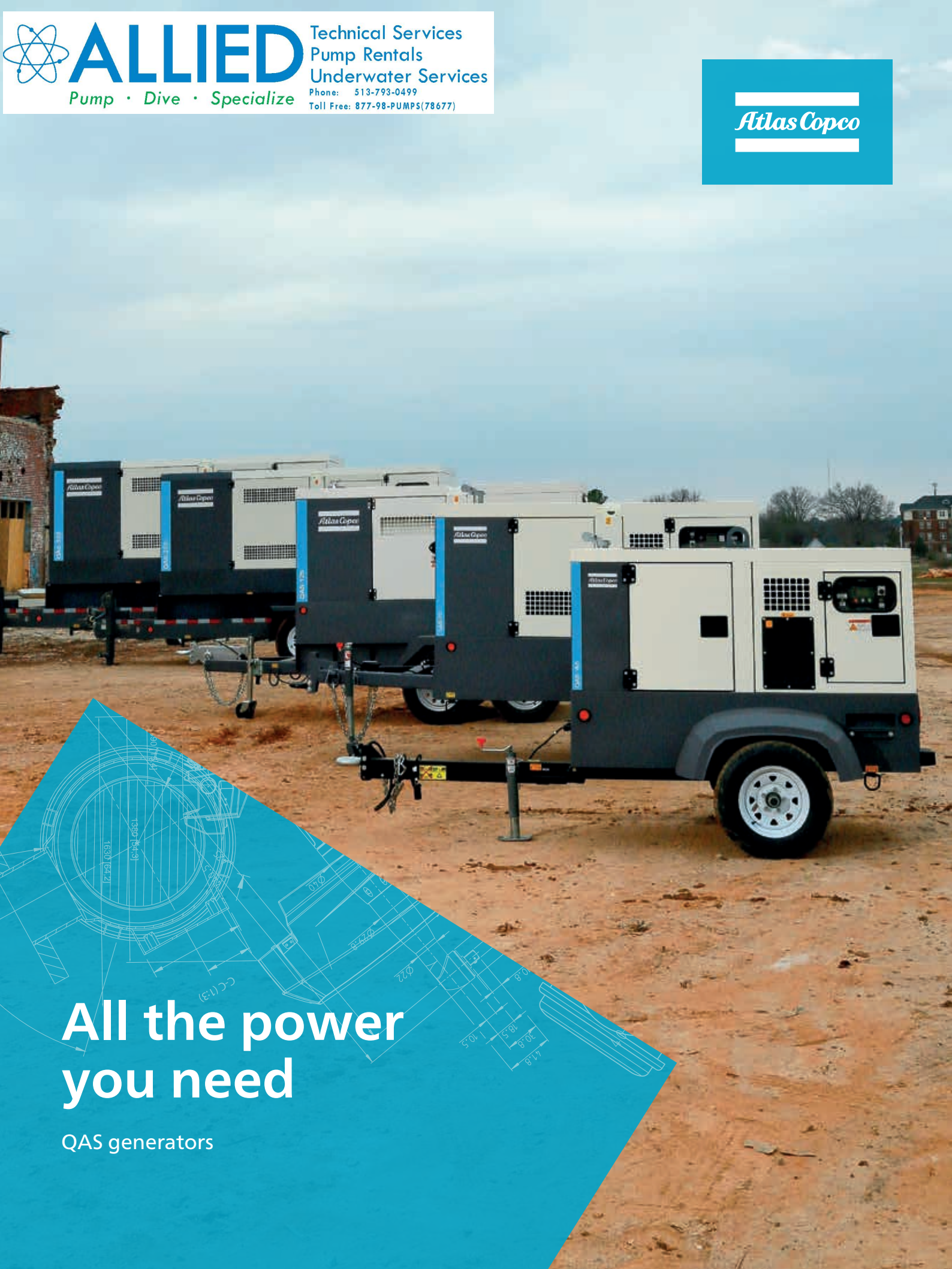


# ALLIED

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Pump Rentals  
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# 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 ten models covering power rating from 25 to 700 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 700 can be linked together in paralleling for specialized applications, providing up to 20MVA of stable and reliable power.

 **SERVICE**  
**<2 Hrs**  
EVERY 500H

**DOUBLE RUNTIME**  
 **UP TO 40<sup>H</sup>**  
FUEL TANK

**20% LESS**  
FOOTPRINT 

 **STABLE**  
POWER   
**<6 SECONDS**

**2 CLICKS**  
TO POWER 

**ALL**   
ENGINES TIER 4F

**UP TO 20<sup>MVA</sup>**  **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.

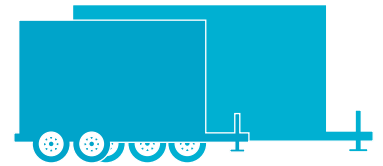


## Make the Perfect Power

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

# QAS 250 to QAS 700 New

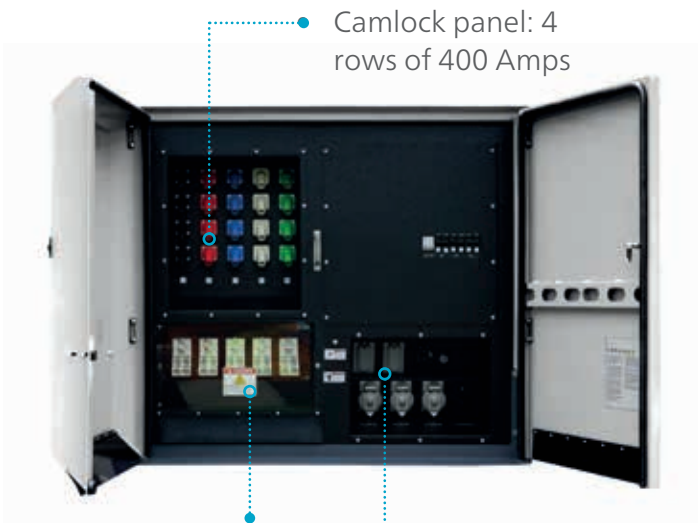
## Specialized power



### EASY ACCESS AND SERVICE

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

The Camlock 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



Camlock panel: 4 rows of 400 Amps

Ergonomic and easy access terminal board

Receptacles 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 700
- 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 Qc4004 controller that allows an easy connection, configuration and performance!
- Unique TDU touch screen\*

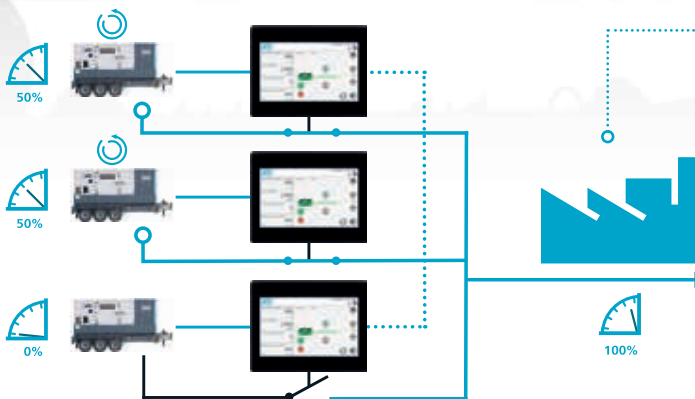


## MAIN APPLICATIONS



## MULTIVOLTAGE SWITCH

- You can modify the voltage output you need in few seconds
- Voltage of 480V, 208/240V, 240/120V (3-Phase and Single-Phase). Also 400V at 50Hz available in some models



available on QAS 95-700 only

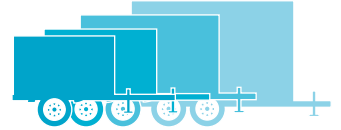
## POWER MANAGEMENT SYSTEM

- Increase the efficiency of a power plant by starting/stopping the generators automatically based on load demand, reducing fuel consumption, utilization of machines, noise level and increasing engine lifetime. Up to 32 QAS 700 can be linked together to provide up to 20 MVA of stable power.

\*option

# QAS 25 to QAS 200

## 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 across the range.

### SAFE AND EASY MOVEMENT

- QAS generators pack an impressive 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 unit undergoes a salt-wash test ensuring the canopy stays tough, even in the harshest conditions.

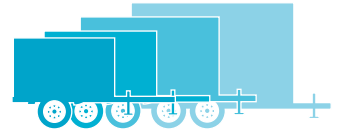
## INDUSTRY- LEADING COMPACTNESS

- 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



## 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                           | 114                                      |
| 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                          | 229                                      |
| Amp Capacity @208V   | A           | 63                                       | 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      | 13 / 13                                  | 22 / 22                        | 31 / 31                      | 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 - Rated Current                                     | 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 CS6369 |                                |                              | 2 x NEMA 5-20R & 3 x 125/250V 50A CS6369 |
| Max. sound pressure level (LPA) @23' @75% Load                   | dB(A)       | 67                                       | 67                             | 67                           | 73                                       |
| <b>Fuel consumption</b>  |             |  |                                |                              |  |
| Fuel tank capacity   | gal (l)     | 75 (284)                                 | 75 (284)                       | 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           | 41.4                                     | 24.5                           | 25.1                         | 27.9                                     |
| <b>Alternator</b>  |             |  |                                |                              |  |
| Model  |             | Leroy Somer 40 M5                        | Leroy Somer 42.3 S5            | Leroy Somer 42.3 L9          | Leroy Somer LSA 44.3 S3                  |
| Excitation system  |             | 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                                  |
| <b>Engine</b>  |             |  |                                |                              |  |
| Model  |             | Isuzu 4LE2T                              | Isuzu 4LE2X                    | Isuzu 4JJ1X                  | John Deere 4045 HFG04                    |
| US EPA Family  |             | MSZXL02.2ZTB                             | MSZXL02.2PXB                   | MSZXL03.0RXB                 | MJDXL04.5315                             |
| 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                                     |
| <b>Dimensions and weight</b>                                     |             |  |                                |                              |  |
| 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 700 VD  |
|---|---|---|---|---|---|
|  |  |  |  |  |  |
| 125 kVA   | 150 kVA   | 200 kVA   | 250 kVA   | 330 kVA   | 700 kVA   |
| 60  | 50   60   | 50   60   | 50   60   | 50   60   | 50   60   |
| 100 / 125   | 120 / 150   | 160 / 200   | 200 / 250   | 264 / 330   | 560 / 700   |
| 102 / 127   | 132 / 165   | 176 / 220   | 220 / 275   | 290 / 363   | 616 / 770   |
| 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   | 842   |
| 240YY / 139-208YY   | 240YY / 139 - 208YY   | 240YY / 139 - 208YY   | 240YY / 139 - 208YY   | 240YY / 139 - 208YY   | 240YY / 139 - 208YY   |
| 300   | 361   | 425   | 600   | 794   | 1520  |
| 300   | 375   | 492   | 600   | 800   | 1521  |
| N/A   | 400Y / 231  | 400Y / 231  | 400Y / 231  | 400Y / 231  | 400Y / 231  |
| N/A   | 180   | 237   | 361   | 404   | 805   |
| 65 / 65   | 76 / 76   | 102 / 102   | 144 / 144   | 192 / 192   | 260 / 260   |
| 1.0   | 1.0   | 1.0   | 1.0   | 1.0   | 1.0   |
| 240 / 120   | 240 / 120   | 240 / 120   | 240 / 120   | 240 / 120   | 240 / 120   |
| 271   | 316   | 425   | 600   | 800   | 1083  |
| 271 x2  | 316 x2  | 425 x2  | 600 x2  | 800 x2  | 1083 x2   |
| 400   | 400   | 600   | 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 CS6369  | 2 x NEMA 5-20R & 3 x 125/250V 50A CS6369  | 2 x NEMA 5-20R & 3 x 125/250V 50A CS6369  | 2 x NEMA 5-20R & 2 x 125/250V 50A CS6369  | 2 x NEMA 5-20R & 2 x 125/250V 50A CS6369  | 2 x NEMA 5-20R & 3 x 125/250V 50A CS6369  |
| 73  | 70  | 71  | 73  | 73  | 76  |
| 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)   | 36.9 (139.8)  |
| 21.2  | 36.8  | 27.8  | 24.3  | 19  | 17.2  |
| Leroy-Somer LSA 44.3 S5 AREP  | Leroy-Somer LSA 44.3 M6 AREP  | Leroy-Somer LSA 44.3 VL13 AREP  | Leroy-Somer 46.2 L6 AREP  | Leroy-Somer 46.2 L9 AREP  | Leroy-Somer 47.2 L9 AREP  |
| Leroy-Somer R438  | Leroy-Somer R438 (std) / DEIF DVC550 (parallel)                                   | Leroy-Somer D350 (std) / DEIF DVC550 (parallel)                                   | Leroy-Somer R450 (std) / DEIF DVC550 (parallel)                                   | Leroy-Somer R450 (std) / DEIF DVC550 (parallel)                                     | Leroy-Somer D350 (std) / DEIF DVC550 (parallel)                                     |
| 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 TWD1683GE   |
| MJDXL0.4.5311   | MJDXL06.8312  | MJDXL06.8312  | MJDXL09.0313  | MJDXL09.0313  | MVPXL16.1CDD  |
| 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   | 16.12   |
| 4   | 6   | 6   | 6   | 6   | 6   |
| 157 (117)   | 196 (146)   | 235 (175)   | 334 (249)   | 399 (298)   | 811 (596)   |
| 172 (128)   | 215 (160)   | 257 (192)   | 366 (273)   | 437 (326)   | 891 (655)   |
| 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)   | 11.1 (42)   |
| 2.25 (8.5)  | 10.5 (39.7)   | 10.5 (39.7)   | 13.6 (51)   | 13.6 (51)   | 25.7 (97.3)   |
| 122 (50)  | 120 (49)  | 122 (50)  | 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   | 1400 x2   |
| 108 x 43 x 76 / 160 x 67 x 88   | 145 x 51 x 92 / 203 x 87 x 98   | 145 x 51 x 92 / 203 x 87 x 98   | 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   | 9812 / 10787  | 10032 / 11062   | 11870 / 14175   | 12050 / 14355   | 23060 / 26620   |

# Product portfolio

## GENERATORS

**PORTABLE**  
1,6–12 kVA



**MOBILE**  
25-1,500\* 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

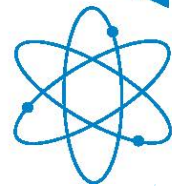


### FLEETLINK

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



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