

Atlas Copco

# QAS 330

## Towable Diesel Generator

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### Efficiency

- Increased up-time: carefully selected components and tested configuration.
- Genuine versatility: QAS 330 can power a wide variation of critical applications.
- Reduced cost of ownership: 500 hrs service intervals, efficient transport handling.
- Designed for easy servicing.

### Durability

- Rugged Zincor steel coated canopy.
- Mounted on rugged skids.
- Designed for extreme weather conditions.
- A standard sealed spillage-free frame, which will ensure that all fluids can be retained within the frame.



Generator Data		QAS 330
Prime Power 3Ø kW Rating @ 0.8 PF		255 kW
Prime Power 3Ø kVA Rating		319 kVA
Standby Power 3Ø kW Rating @ 0.8 PF		280 kW
Standby Power 3Ø kVA Rating		350 kVA
Alternator Manufacturer		Mecc Alte
Alternator Model		ECO 38 2L/N
Number of Leads		12
Insulation Class		Class H with Marine Impregnation
Rated Speed / Frequency		1800 RPM @ 60 Hz
Voltage Regulation Accuracy		1%
Single Step Load Acceptance		100%
<b>Main Line Circuit Breakers:</b>		
High Voltage Circuit Breaker Thermal Trip		383 Amps
High Voltage Circuit Breaker Magnetic Trip		3 – 10 × I <sub>n</sub> Amps
Low Voltage Circuit Breaker Thermal Trip		839 Amps
Low Voltage Circuit Breaker Magnetic Trip		3 – 10 × I <sub>n</sub> Amps
Amperage Capacity @ 208 Volts 3Ø		840 Amps
Amperage Capacity @ 240 Volts 3Ø		769 Amps
Amperage Capacity @ 480 Volts 3Ø		383 Amps
<b>Outlet Connections:</b>		
Terminal Board		5 Lug – L1 – L2 – L3 – N – Ground
20 Amp – 125 Volt GFCI Duplex		1
50 Amp – 125 / 250 Volt Temp Power		3
Sound Level @ 23 Feet @ 100% Load		73 dB(A)
<b>Dimensions (skid mounted):</b>		
Length		136.6 Inches
Width		56.3 Inches
Height		83.8 Inches
Weight (dry)		9,493 lbs
Weight (wet)		10,413 lbs
<b>Dimensions (w/ trailer):</b>		
Length		198.1 Inches
Width		90.1 Inches
Height		108 Inches
Weight (dry)		13,293 lbs
Weight (wet)		16,403 lbs

Diesel Engine Data		QAS 330
Engine Manufacturer		John Deere
Model Number		6090HF485
Gross Horsepower Developed		362 HP @ 1800 RPM
Engine Type		Inline 4 Cycle Diesel w/ Direct Fuel Injection
Engine Control		Electronic
Emissions Certification		EPA Tier III Non-road
Number of Cylinders		6
Aspiration		Turbocharged / Intercooled
Displacement		9 Liters
Cooling System		Water / Glycol
Charging Alternator Output		70 Amps
Battery Voltage / Output		24 Volts / 2 × 625 CCA
Speed Regulation Accuracy (0 – 100% Load)		±0.25% Isochronous
Oil Sump Capacity		9 Gallons
Cooling System Capacity		10 Gallons
Internal Fuel Cell Capacity		126 Gallons
Trailer Fuel Cell Capacity (if equipped)		300 Gallons
Fuel Autonomy @ 100% Load (skid mounted)		7.5 Hours
Fuel Autonomy @ 100% Load (w/ trailer)		24.2 Hours
Fuel Consumption @ 25% Load		5.8 Gallons / Hour
Fuel Consumption @ 50% Load		9.2 Gallons / Hour
Fuel Consumption @ 75% Load		13.2 Gallons / Hour
Fuel Consumption @ 100% Load		17.6 Gallons / Hour
Specific Fuel Consumption		0.215 kg / kWh
Maximum Ambient Temperature		105 °F *
Maximum Relative Humidity		85% *
Maximum Altitude		3280 Feet *
Minimum Starting Temperature (w/o assist)		0 °F

\*Consult Atlas Copco for proper de-rating instructions for operation beyond ambient limitations  
Design and specifications are subject to change without notice or obligation

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