

Power Generation Specialty Rental



QAS 500

500 kVA Portable Generator



Atlas Copco

Reference Conditions		
Generator service duty	PRP	
Absolute inlet pressure, kPa	100	
Relative air humidity, %	30	
Air inlet temperature, °C	25	
Limitations		
Maximum ambient temperature, °C	50	
Altitude capability, m	1000 (up to 4000m with derating)	
Minimum starting temperature, °C	-25	
Performance Data		
	50 Hz	60 Hz
Rated speed, r/min	1500	1800
Rated power (PRP), kVA (kW)	500 (400)	571 (457)
Rated voltage line to line, V	400	480
Rated power factor (lagging)	0.8	0.8
Rated current, A	722	687
Fuel consumption @ full load, l/h	96	117
Fuel consumption @ no load, l/h	10	15
Max sound power level, dB(A)	99	100 (2000/14/EC OND)
Alternator		
	50 Hz	60 Hz
Rated output, kVA	500	626
Insulation class (stator & rotor)	H	H
Engine		
Make	Volvo	
Type	TAD1641GE	
No of cylinders	6	
Rated output, kW	430 (ISO 3046-7)	
Dimensions		
Length, mm	4800	
Width, mm	1550	
Height, mm	2300	
Weight (full fuel tank), kg	6252	
Fuel tank capacity, l	905	

Special Features	
Dual frequency	
Over and undervoltage protection	
Remote start	
Spillage free frame	
External fuel tank connection	
Spark arrestor	
Air shut off valve	



super
silent



low
consumption



safety



ease of use



environment