



**AIRPORT EQUIPMENT SERVICES PTE. LTD.**

41 Kallang Pudding Road, #03-10 Golden Wheel Building,  
Singapore 349316 Phone: (65) 65421160 Fax: (65) 65421160  
Email: aessg@singnet.com.sg Website: www.aessg.com

(Business Registration No: 199400661M)

# SW-A300 Novel Structure

- ◆ Safe and Efficient
- ◆ Stable and Reliable
- ◆ Easy Maintenance



◆ Pressure 42psi    ◆ Flow 300ppm    ◆ Weight 10500 kg

No.	Type	Project	Unit	Parameters
1	Aircraft air source unit	Model		SW-A300  (Trailer Type)
2		Intake pressure	Atm	1
3		Intake air temperature	°C	20
4		Supply pressure	PSIG	35-42(Starting pressure)/ 25-30(Auxiliary pressure)
5		Mass Flow	PPM	300
6		Supply air temperature	°C	≤210
7		Compressed medium		Air
8		Fuel tank capacity	L	400
9		Sustainable working hours	H	4
10		Dimensions	mm	7250Lx2200W  x2900H
11		Total unit weight	kg	10500
12	diesel engine	Model		KTA19-P750 NYSE Diesel  Engine
13		Power	kW	559
14		Rotating speed	r/min	1800

15		Torque	N·m	2967
16		Oil pressure	bar	3-6
17		Fuel consumption	kg/h	78
18		Weight	kg	1699
19	Compressor	Model		CT0911-00-00
20		Rotor speed	r/min	5546
21		Lubricating oil pressure	bar	2-5 (Low voltage protection)
22		Lubricating oil temperature	°C	≤70 (High temperature protection)
23		Exhaust gas temperature	°C	≤240(Adjustable above 210°C)
24		Exhaust gas temperature	PSIG	42(Down adjustable)
25		Mass Flow	PPM	300
26		Shaft power		≤420kw