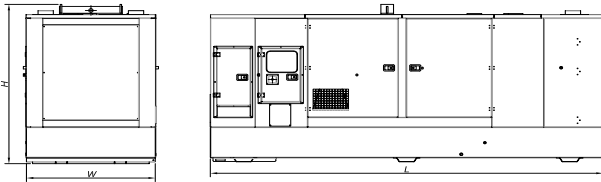


550 KVA STANDBY SILENCED SET VOLVO



TECHNICAL INFORMATION

Voltage (V):	400/230
Frequency (Hz):	50
PRP Power (kVA)	500
Standby Power (kVA)	558.7
PRP Power (kW)	400
Standby Power (kW)	447

Weight and Dimensions (mm)

Length (L)	5000
Width (W)	1650
Height (H)	2300
Weight (kg)	5710
Fuel tank capacity (l)	995

Noise Level

Acoustic Pressure [LpA] (dBA @7m)	71
Acoustic Power [LwA] (Dba)	98

Consumption

	PRP Power	
	L/h	Range (hours)
25%	28	35.5
50%	51.6	19.3
75%	76.3	13
100%	103.2	9.6

	Standby Power	
	L/h	Range (hours)
25%	30.9	32.2
50%	56.1	17.7
75%	83.7	11.9
100%	113.9	8.7

ENGINE

Brand	VOLVO
Model	TAD 1641 GE
Electronic Management	YES
No. of cylinders	6
Engine Capacity (c.c)	16120
Bore (mm)	144
Stroke (mm)	165
Compression ratio	16.5:1
Water cooled	YES
Speed (R.P.M)	1500
Mechanical Net Power (kWm)	473
Fuel tank capacity (l)	995

Cooling System

Flow of air from fan (m3/min)	606
Water Jacket Heater	YES

Lubrication System

Oil sump capacity (l)	48
Maximum oil consumption (% fuel consumption)	0.1

Air intake system

Aspirated air flow (m3/min)	35
-----------------------------	----

Electrical System

Number of batteries	2
Battery	12V 44Ah-730A

Exhaust System

Input diameter (")	6
Output diameter (")	7.6
Body diameter (mm)	611
Exhaust length (mm)	1.350
T ^a gas emission (°C)	490
Gas flow (m3/min)	84

ALTERNATOR

Model	LSA 47.2 M7
Electronic Regulation	YES
AVR	R 450
Power (kVA)	570

ELECTRIC PANEL

Protection Devices	YES
Control Card	DEEP SEA 7320