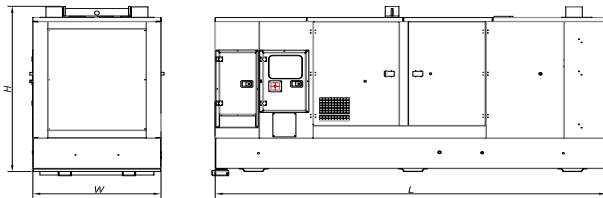


450 KVA STANDBY SILENCED SET VOLVO



TECHNICAL INFORMATION

Voltage (V):	400/230
Frequency (Hz):	50
PRP Power (kVA)	410
Standby Power (kVA)	450
PRP Power (kW)	328
Standby Power (kW)	360

Weight and Dimensions (mm)

Length (L)	4580
Width (W)	1500
Height (H)	2235
Weight (kg)	4607
Fuel tank capacity (l)	590

Noise Level

Acoustic Pressure [LpA] (dBA @7m)	70
Acoustic Power [LwA] (Dba)	97

Consumption

	PRP Power	
	L/h	Range (hours)
25%	23.4	25.2
50%	42.8	13.8
75%	63.3	9.3
100%	83.1	7.1

	Standby Power	
	L/h	Range (hours)
25%	25.2	23.4
50%	46.7	12.6
75%	69.7	8.5
100%	91.5	6.4

ENGINE

Brand	VOLVO
Model	TAD 1344 GE
Electronic Management	YES
No. of cylinders	6
Engine Capacity (c.c)	12780
Bore (mm)	131
Stroke (mm)	158
Compression ratio	18.1:1
Water cooled	YES
Speed (R.P.M)	1500
Mechanical Net Power (kWm)	389
Fuel tank capacity (l)	590

Cooling System

Flow of air from fan (m3/min)	390
Water Jacket Heater	YES

Lubrication System

Oil sump capacity (l)	36
Maximum oil consumption (% fuel consumption)	0.4

Air intake system

Aspirated air flow (m3/min)	28
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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° gas emission (°C)	465
Gas flow (m3/min)	67.5

ALTERNATOR

Model	LSA 47.2 S4
Electronic Regulation	YES
AVR	R 450
Power (kVA)	450

ELECTRIC PANEL

Protection Devices	YES
ATS (Optional)	4P 630A 400/230V - CCM
Control Card	DEEP SEA 7320