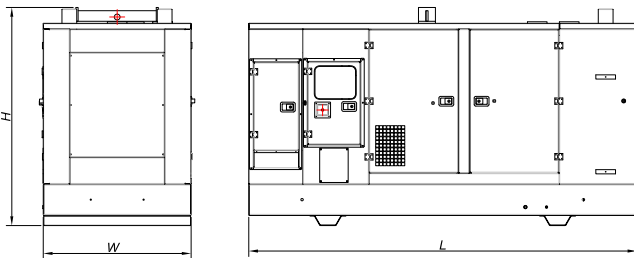


250 KVA MINING SERIES VOLVO



TECHNICAL INFORMATION

Voltage (V):	400/230
Frequency (Hz):	50
PRP Power (kVA)	245
Standby Power (kVA)	273.7
PRP Power (kW)	196
Standby Power (kW)	219

Weight and Dimensions (mm)

Length (L)	3675
Width (W)	1400
Height (H)	2065
Weight (kg)	3380
Fuel tank capacity (l)	405

Noise Level

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

Consumption

	PRP Power	
	L/h	Range (hours)
25%	16.1	25.2
50%	30.8	13.1
75%	43.1	9.4
100%	54	7.5

	Standby Power	
	L/h	Range (hours)
25%	18.2	22.3
50%	34.6	11.7
75%	47.9	8.5
100%	60.3	6.7

ENGINE

Brand	VOLVO
Model	TAD 734 GE
Electronic Management	YES
No. of cylinders	6
Engine Capacity (c.c)	7150
Bore (mm)	108
Stroke (mm)	130
Compression ratio	17:1
Water cooled	YES
Speed (R.P.M.)	1500
Mechanical Net Power (kWm)	213

Cooling System

Flow of air from fan (m3/min)	312
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Lubrication System

Oil sump capacity (l)	29
Maximum oil consumption (% fuel consumption)	0.1

Air intake system

Aspirated air flow (m3/min)	16.1
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Electrical System

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

Exhaust System

Input diameter (")	4
Output diameter (")	5.5
Body diameter (mm)	453
Exhaust length (mm)	1.340
T° gas emission (°C)	495
Gas flow (m3/min)	33

ALTERNATOR

Model	LSA 46.2 L6
Electronic Regulation	YES
AVR	R 450
Power (kVA)	250

ELECTRIC PANEL

Protection Devices	YES
Circuit Breaker	4P 400A R
Control Card	DEEP SEA 7310