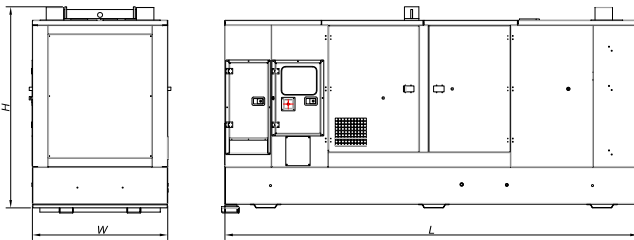


460 KVA MINING SERIES VOLVO



TECHNICAL INFORMATION

Voltage (V):	400/230
Frequency (Hz):	50
PRP Power (kVA)	455
Standby Power (kVA)	500
PRP Power (kW)	364
Standby Power (kW)	400

Weight and Dimensions (mm)

Length (L)	4660
Width (W)	1550
Height (H)	2523
Weight (kg)	4757
Fuel tank capacity (l)	1625

Noise Level

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

Consumption

	PRP Power	
	L/h	Range (hours)
25%	25.7	63.3
50%	46.6	34.5
75%	69.2	23.2
100%	91.8	17.5

	Standby Power	
	L/h	Range (hours)
25%	27.4	58.7
50%	51.98	31.3
75%	76.7	20.9
100%	101.7	15.8

ENGINE

Brand	VOLVO
Model	TAD 1345 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)	388

Lubrication System

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

Air intake system

Aspirated air flow (m3/min)	26.8
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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 ^a gas emission (°C)	475
Gas flow (m3/min)	56.8

ALTERNATOR

Model	LSA 47.2 S5
AVR	R 450
Power (kVA)	455

ELECTRIC PANEL

Protection Devices	YES
Circuit Breaker	4P 800A R
Control Card	DEEP SEA 7310