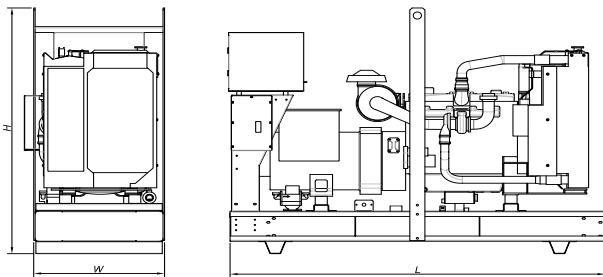
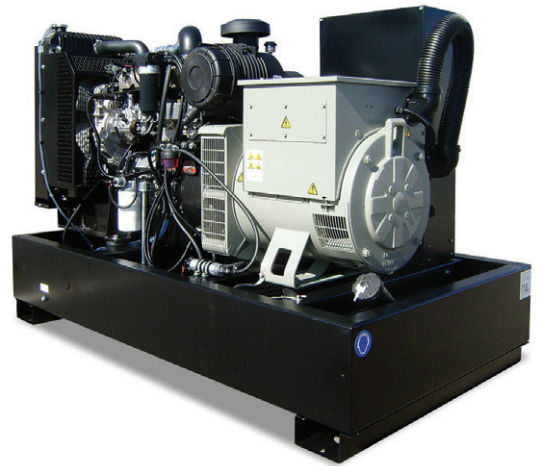


# 142 KVA STANDBY OPEN SET VOLVO



## TECHNICAL INFORMATION

Voltage (V):	400/230
Frequency (Hz):	50
PRP Power (kVA)	128.8
Standby Power (kVA)	143.8
PRP Power (kW)	103
Standby Power (kW)	115

## Weight and Dimensions (mm)

Length (L)	2495
Width (W)	980
Height (H)	1885
Weight (kg)	1440
Fuel tank capacity (l)	248

## Consumption

	PRP Power	
	L/h	Range (hours)
25%	8.2	30.2
50%	14.5	17.1
75%	21.5	11.5
100%	29.2	8.5

	Standby Power	
	L/h	Range (hours)
25%	8.7	28.5
50%	15.9	15.6
75%	23.8	10.4
100%	32.8	7.6

## ENGINE

Brand	VOLVO
Model	TAD 532 GE
Electronic Management	YES
No. of cylinders	4
Engine Capacity (c.c)	4760
Bore (mm)	108
Stroke (mm)	130
Compression ratio	17.5:1
Water cooled	YES
Speed (R.P.M)	1500
Mechanical Net Power (kWm)	125
Fuel tank capacity (l)	248

## Cooling System

Flow of air from fan (m3/min)	174
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## Lubrication System

Oil sump capacity (l)	13
Maximum oil consumption (% fuel consumption)	0.08

## Air intake system

Aspirated air flow (m3/min)	8.03
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## Electrical System

Number of batteries	1
Battery	12V 44Ah-730A

## Exhaust System

Input diameter (")	3
Output diameter (")	3
Body diameter (mm)	168
Exhaust length (mm)	570
T <sup>a</sup> gas emission (°C)	532
Gas flow (m3/min)	23.2

## ALTERNATOR

Model	LSA 44.2 S75
Electronic Regulation	YES
AVR	R 250
Power (kVA)	150

## ELECTRIC PANEL

Protection Devices	YES
Control Card	DEEP SEA 7320