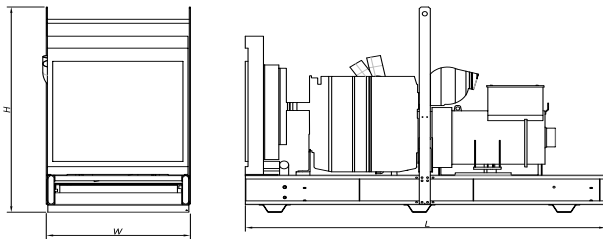


# 700 KVA STANDBY OPEN SET VOLVO



## TECHNICAL INFORMATION

Voltage (V):	400/230
Frequency (Hz):	50
PRP Power (kVA)	629.8
Standby Power (kVA)	700.3
PRP Power (kW)	503.84
Standby Power (kW)	560.24

## Weight and Dimensions (mm)

Length (L)	3950
Width (W)	1550
Height (H)	2560
Weight (kg)	5015
Fuel tank capacity (l)	995

## Consumption

	PRP Power	
	L/h	Range (hours)
25%	35	28.4
50%	63.8	15.6
75%	95.6	10.4
100%	129.5	7.7

	Standby Power	
	L/h	Range (hours)
25%	37.9	26.3
50%	70.3	14.2
75%	106	9.4
100%	144.2	6.9

## ENGINE

Brand	VOLVO
Model	TWD 1643 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)	596
Fuel tank capacity (l)	995

## Cooling System

Flow of air from fan (m3/min)	715
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## Lubrication System

Oil sump capacity (l)	48
Maximum oil consumption (% fuel consumption)	0.11

## Air intake system

Aspirated air flow (m3/min)	46.96
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## Electrical System

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

## Exhaust System

Input diameter (")	5
Output diameter (")	9.44
Body diameter (mm)	600
Exhaust length (mm)	2.200
T <sup>a</sup> gas emission (°C)	463
Gas flow (m3/min)	111.8

## ALTERNATOR

Model	LSA 49.1 S4 6H
Electronic Regulation	YES
AVR	R 450
Power (kVA)	725

## ELECTRIC PANEL

Protection Devices	YES
Control Card	DEEP SEA 7320