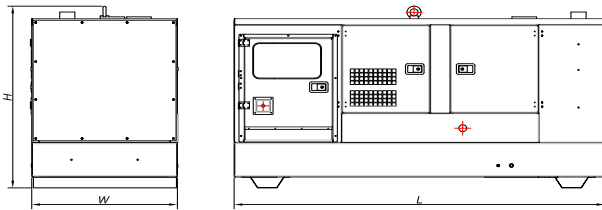


110 KVA STANDBY SILENCED SET JOHN DEERE



TECHNICAL INFORMATION

Voltage (V):	400/230
Frequency (Hz):	50
PRP Power (kVA)	100.1
Standby Power (kVA)	109.8
PRP Power (kW)	80.1
Standby Power (kW)	87.8

Weight and Dimensions (mm)

Length (L)	2800
Width (W)	1100
Height (H)	1585
Weight (kg)	1800
Fuel tank capacity (l)	178

Noise Level

Acoustic Pressure [LpA] (dBA @7m)	68
Acoustic Power [LwA] (Dba)	94

Consumption

	PRP Power	
	L/h	Range (hours)
25%	6	29.7
50%	11	16.2
75%	16.5	10.8
100%	23	7.7

	Standby Power	
	L/h	Range (hours)
25%	6.5	27.4
50%	12	14.8
75%	18.5	9.6
100%	25	7.1

ENGINE

Brand	JOHN DEERE
Model	4045HF158
No. of cylinders	4
Engine Capacity (c.c)	4500
Bore (mm)	106
Stroke (mm)	127
Compression ratio	17:1
Water cooled	YES
Speed (R.P.M)	1500
Mechanical Net Power (kWm)	96.5
Fuel tank capacity (l)	178

Cooling System

Flow of air from fan (m3/min)	150
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Lubrication System

Oil sump capacity (l)	12
Maximum oil consumption (% fuel consumption)	0.2

Air intake system

Aspirated air flow (m3/min)	7
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Electrical System

Number of batteries	1
Battery	12V 60 Ah. 68 0 A

Exhaust System

Input diameter (")	4
Output diameter (")	4.5
Body diameter (mm)	380
Exhaust length (mm)	1.570
T° gas emission (°C)	565
Gas flow (m3/min)	18.7

ALTERNATOR

Model	LSA 44.2 VS45
Electronic Regulation	YES
AVR	R 250
Power (kVA)	116

ELECTRIC PANEL

Protection Devices	YES
Control Card	DEEP SEA 7320