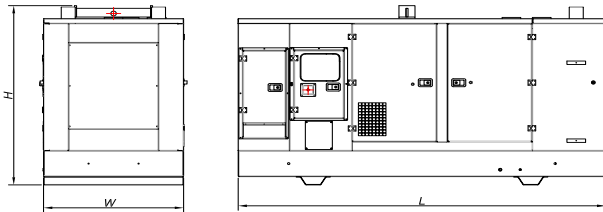


223 KVA STANDBY SILENCED SET PERKINS



TECHNICAL INFORMATION

Voltage (V):	400/230
Frequency (Hz):	50
PRP Power (kVA)	200
Standby Power (kVA)	223
PRP Power (kW)	160
Standby Power (kW)	178.4

Weight and Dimensions (mm)

Length (L)	3675
Width (W)	1400
Height (H)	2065
Weight (kg)	3265
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%	0	0
50%	24.1	16.8
75%	35.1	11.5
100%	45.5	8.9

	Standby Power	
	L/h	Range (hours)
25%	0	0
50%	0	0
75%	38.4	10.5
100%	49.4	8.2

ENGINE

Brand	PERKINS
Model	1306C E87TAG3
Electronic Management	YES
No. of cylinders	6
Engine Capacity (c.c)	8710
Bore (mm)	116
Stroke (mm)	135
Compression ratio	16.6:1
Water cooled	YES
Speed (R.P.M)	1500
Mechanical Net Power (kWm)	199
Fuel tank capacity (l)	405

Cooling System

Flow of air from fan (m3/min)	375
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Lubrication System

Oil sump capacity (l)	27
Maximum oil consumption (% fuel consumption)	0.8

Air intake system

Aspirated air flow (m3/min)	13.5
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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 ^a gas emission (°C)	524
Gas flow (m3/min)	36.5

ALTERNATOR

Model	LSA 46.2 M5
Electronic Regulation	YES
AVR	R 250
Power (kVA)	223

ELECTRIC PANEL

Protection Devices	YES
Control Card	DEEP SEA 7320