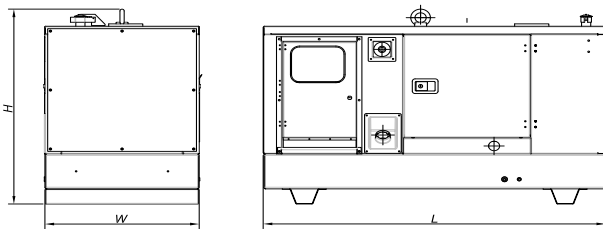


# 23 KVA STANDBY SILENCED SET PERKINS



## TECHNICAL INFORMATION

Voltage (V):	400/230
Frequency (Hz):	50
PRP Power (kVA)	20
Standby Power (kVA)	22
PRP Power (kW)	16
Standby Power (kW)	17.6

## Weight and Dimensions (mm)

Length (L)	1860
Width (W)	840
Height (H)	1230
Weight (kg)	727
Fuel tank capacity (l)	50.5

## Noise Level

Acoustic Pressure [LpA] (dBA @7m)	63
Acoustic Power [LwA] (Dba)	89

## Consumption

	PRP Power	
	L/h	Range (hours)
25%	0	0
50%	2.8	18
75%	3.9	12.9
100%	5.2	9.7

	Standby Power	
	L/h	Range (hours)
25%	0	0
50%	0	0
75%	4.4	11.5
100%	5.9	8.6

## ENGINE

Brand	PERKINS
Model	404A-22G1
No. of cylinders	4
Engine Capacity (c.c)	2216
Bore (mm)	84
Stroke (mm)	100
Compression ratio	22.4:1
Water cooled	YES
Speed (R.P.M)	1500
Mechanical Net Power (kWm)	20.3
Fuel tank capacity (l)	50.5

## Cooling System

Flow of air from fan (m3/min)	40.2
Water Jacket Heater	YES

## Lubrication System

Oil sump capacity (l)	9
Maximum oil consumption (% fuel consumption)	0.3

## Air intake system

Aspirated air flow (m3/min)	1.45
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## Electrical System

Number of batteries	1
Battery	12V 60 Ah. 680 A

## Exhaust System

Input diameter (")	2
Output diameter (")	2
T° gas emission (°C)	505
Gas flow (m3/min)	3.94

## ALTERNATOR

Model	LSA 40 M5
Electronic Regulation	YES
AVR	R 220
Power (kVA)	22

## ELECTRIC PANEL

Protection Devices	YES
ATS (optional)	4P 40A (230V)
Control Card	DEEP SEA 4420 3PH