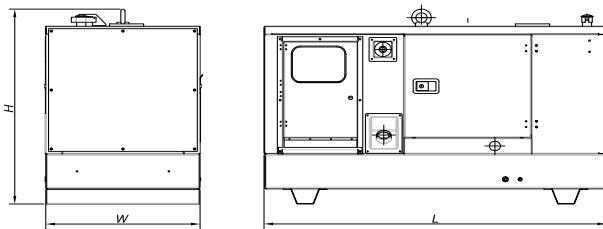


23 KVA STANDBY SILENCED SET PERKINS (SINGLE PHASE)



TECHNICAL INFORMATION

Voltage (V):	230
Frequency (Hz):	50
PRP Power (kVA)	20
Standby Power (kVA)	22.1
PRP Power (kW)	16
Standby Power (kW)	17.7

Weight and Dimensions (mm)

Length (L)	1860
Width (W)	840
Height (H)	1230
Weight (kg)	741
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
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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 ^a gas emission (°C)	505
Gas flow (m3/min)	3.94

ALTERNATOR

Model	LSA 42.3 S4
Electronic Regulation	YES
AVR	R 220
Power (kVA)	24.2

ELECTRIC PANEL

Protection Devices	YES
ATS (optional)	2P 125A (230V) - CC
Control Card	DEEP SEA 4420