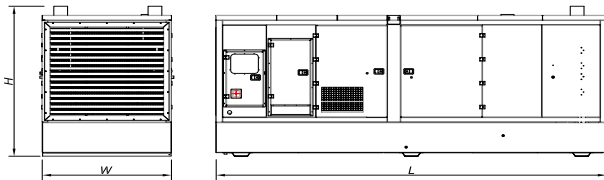


# 800 KVA STANDBY SILENCED SET PERKINS



## TECHNICAL INFORMATION

Voltage (V):	400/230
Frequency (Hz):	50
PRP Power (kVA)	725
Standby Power (kVA)	800
PRP Power (kW)	580
Standby Power (kW)	640

## Weight and Dimensions (mm)

Length (L)	6500
Width (W)	2040
Height (H)	2660
Weight (kg)	7010
Fuel tank capacity (l)	1210

## Noise Level

Acoustic Pressure [LpA] (dBA @7m)	75
Acoustic Power [LwA] (Dba)	102

## Consumption

	PRP Power	
	L/h	Range (hours)
25%	0	0
50%	84.4	14.3
75%	123.7	9.8
100%	162.6	7.4

	Standby Power	
	L/h	Range (hours)
25%	0	0
50%	79	15.3
75%	134.9	9
100%	178.1	6.8

## ENGINE

Brand	PERKINS
Model	4006-23 TAG2A
Electronic Management	YES
No. of cylinders	6
Engine Capacity (c.c)	22921
Bore (mm)	160
Stroke (mm)	190
Compression ratio	13.6:1
Water cooled	YES
Speed (R.P.M)	1500
Mechanical Net Power (kWm)	695
Fuel tank capacity (l)	1210

## Cooling System

Flow of air from fan (m3/min)	1200
-------------------------------	------

## Lubrication System

Oil sump capacity (l)	114
Maximum oil consumption (% fuel consumption)	0.25

## Air intake system

Aspirated air flow (m3/min)	71
-----------------------------	----

## Electrical System

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

## Exhaust System

Input diameter (")	6
Output diameter (")	7.6
Body diameter (mm)	500
Exhaust length (mm)	1.600
T <sup>a</sup> gas emission (°C)	430
Gas flow (m3/min)	180

## ALTERNATOR

Model	LSA 49.1 M6 6H
Electronic Regulation	YES
AVR	R 450
Power (kVA)	800

## ELECTRIC PANEL

Protection Devices	YES
Control Card	DEEP SEA 7320