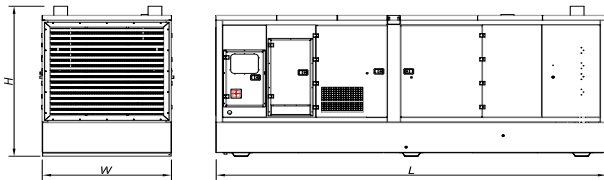


700 KVA STANDBY SILENCED SET PERKINS



TECHNICAL INFORMATION

Voltage (V):	400/230
Frequency (Hz):	50
PRP Power (kVA)	650
Standby Power (kVA)	700
PRP Power (kW)	520
Standby Power (kW)	560

Weight and Dimensions (mm)

Length (L)	5600
Width (W)	1850
Height (H)	2330
Weight (kg)	6300
Fuel tank capacity (l)	970

Noise Level

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

Consumption

	PRP Power	
	L/h	Range (hours)
25%	0	0
50%	66.6	14.6
75%	98.9	9.8
100%	134	7.2

	Standby Power	
	L/h	Range (hours)
25%	0	0
50%	0	0
75%	107.5	9
100%	145.5	6.7

ENGINE

Brand	PERKINS
Model	2806A-E18TAG2
Electronic Management	YES
No. of cylinders	6
Engine Capacity (c.c)	18130
Bore (mm)	145
Stroke (mm)	183
Compression ratio	14.5:1
Water cooled	YES
Speed (R.P.M)	1500
Mechanical Net Power (kWm)	609
Fuel tank capacity (l)	970

Cooling System

Flow of air from fan (m3/min)	702
-------------------------------	-----

Lubrication System

Oil sump capacity (l)	62
Maximum oil consumption (% fuel consumption)	0.1

Air intake system

Aspirated air flow (m3/min)	43
-----------------------------	----

Electrical System

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

Exhaust System

Input diameter (")	6
Output diameter (")	7.6
Body diameter (mm)	611
Exhaust length (mm)	1.350
T ^a gas emission (°C)	563
Gas flow (m3/min)	123

ALTERNATOR

Model	LSA 49.1 S4 6H
Electronic Regulation	YES
AVR	R 450
Power (kVA)	725

ELECTRIC PANEL

Protection Devices	YES
Control Card	DEEP SEA 7320