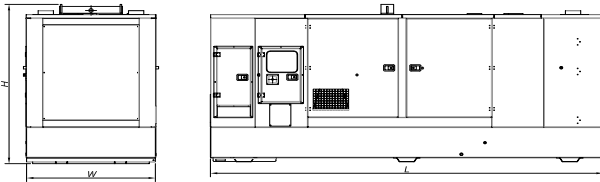


500 KVA STANDBY SILENCED SET PERKINS



TECHNICAL INFORMATION

Voltage (V):	400/230
Frequency (Hz):	50
PRP Power (kVA)	455
Standby Power (kVA)	500
PRP Power (kW)	364
Standby Power (kW)	400

Weight and Dimensions (mm)

Length (L)	5000
Width (W)	1650
Height (H)	2300
Weight (kg)	5433
Fuel tank capacity (l)	995

Noise Level

Acoustic Pressure [LpA] (dBA @7m)	71
Acoustic Power [LwA] (Dba)	98

Consumption

	PRP Power	
	L/h	Range (hours)
25%	0	0
50%	49	20.3
75%	69.8	14.3
100%	92.6	10.7

	Standby Power	
	L/h	Range (hours)
25%	0	0
50%	0	0
75%	76	13.1
100%	101.3	9.8

ENGINE

Brand	PERKINS
Model	2506A-E15TAG1
Electronic Management	YES
No. of cylinders	6
Engine Capacity (c.c)	15200
Bore (mm)	137
Stroke (mm)	171
Compression ratio	16:1
Water cooled	YES
Speed (R.P.M)	1500
Mechanical Net Power (kWm)	434
Fuel tank capacity (l)	995

Cooling System

Flow of air from fan (m3/min)	660
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Lubrication System

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

Air intake system

Aspirated air flow (m3/min)	30.5
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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)	550
Gas flow (m3/min)	81

ALTERNATOR

Model	LSA 47.2 S5
AVR	R 450
Power (kVA)	500

ELECTRIC PANEL

Protection Devices	YES
Control Card	DEEP SEA 7320