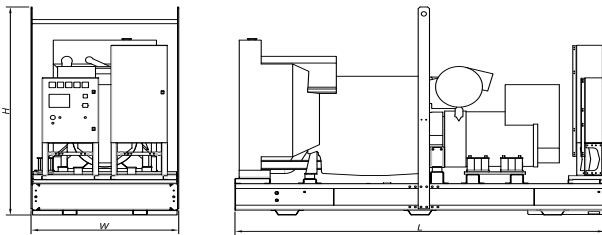


# 500 KVA STANDBY OPEN SET PERKINS



## 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)	3950
Width (W)	1550
Height (H)	2560
Weight (kg)	3963
Fuel tank capacity (l)	995

## 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 (")	6
Body diameter (mm)	381
Exhaust length (mm)	1.300
T <sup>a</sup> 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