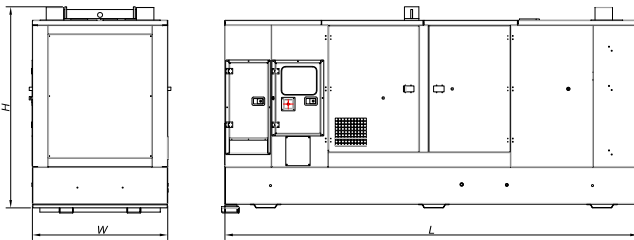


# 400 KVA MINING SERIES PERKINS



## TECHNICAL INFORMATION

Voltage (V):	400/230
Frequency (Hz):	50
PRP Power (kVA)	410
Standby Power (kVA)	450
PRP Power (kW)	328
Standby Power (kW)	360

## Weight and Dimensions (mm)

Length (L)	4660
Width (W)	1550
Height (H)	2530
Weight (kg)	4774
Fuel tank capacity (l)	1625

## Noise Level

Acoustic Pressure [LpA] (dBA @7m)	70
Acoustic Power [LwA] (Dba)	97

## Consumption

	PRP Power	
	L/h	Range (hours)
25%	0	0
50%	42	38.7
75%	62	26.2
100%	81	20.1

	Standby Power	
	L/h	Range (hours)
25%	0	0
50%	0	0
75%	67	22.9
100%	89.3	18.1

## ENGINE

Brand	PERKINS
Model	2206A E13TAG3
Electronic Management	YES
No. of cylinders	6
Engine Capacity (c.c)	12500
Bore (mm)	130
Stroke (mm)	157
Compression ratio	16.3:1
Water cooled	YES
Speed (R.P.M.)	1500
Mechanical Net Power (kWm)	349

## Cooling System

Flow of air from fan (m3/min)	654
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## Lubrication System

Oil sump capacity (l)	40
Maximum oil consumption (% fuel consumption)	0.1

## Air intake system

Aspirated air flow (m3/min)	24.3
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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° gas emission (°C)	630
Gas flow (m3/min)	64.6

## ALTERNATOR

Model	LSA 47.2 S4
Electronic Regulation	YES
AVR	R 450
Power (kVA)	410

## ELECTRIC PANEL

Protection Devices	YES
Circuit Breaker	4P 630A R
Control Card	DEEP SEA 7310