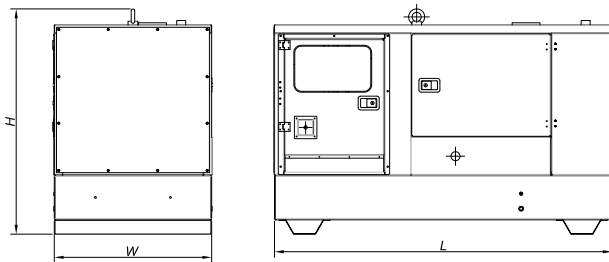


60 KVA MINING SERIES PERKINS



TECHNICAL INFORMATION

Voltage (V):	400/230
Frequency (Hz):	50
PRP Power (kVA)	60
Standby Power (kVA)	66
PRP Power (kW)	48
Standby Power (kW)	52.8

Weight and Dimensions (mm)

Length (L)	2330
Width (W)	1100
Height (H)	1677
Weight (kg)	1274
Fuel tank capacity (l)	250

Noise Level

Acoustic Pressure [LpA] (dBA @7m)	67
Acoustic Power [LwA] (Dba)	93

Consumption

PRP Power		
	L/h	Range (hours)
25%	4.1	60.9
50%	7.2	34.7
75%	10.4	24.1
100%	13.9	17.9

Standby Power		
	L/h	Range (hours)
25%	0	0
50%	0	0
75%	11.5	21.7
100%	15.4	16.3

ENGINE

Brand	PERKINS
Model	1130A-33TG2
No. of cylinders	3
Engine Capacity (c.c)	3300
Bore (mm)	105
Stroke (mm)	127
Compression ratio	17.2:1
Water cooled	YES
Speed (R.P.M.)	1500
Mechanical Net Power (kWm)	53.8

Cooling System

Flow of air from fan (m3/min)	89
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Lubrication System

Oil sump capacity (l)	8.3
Maximum oil consumption (% fuel consumption)	0.15

Air intake system

Aspirated air flow (m3/min)	3.8
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Electrical System

Number of batteries	1
Battery	12V 60 Ah. 680 A

Exhaust System

Input diameter (")	2.5
Output diameter (")	2.5
T ^a gas emission (°C)	557
Gas flow (m3/min)	10.1

ALTERNATOR

Model	LSA 42.3 L9
Electronic Regulation	YES
AVR	R 220
Power (kVA)	60

ELECTRIC PANEL

Protection Devices	YES
Circuit Breaker	4P 100A R
Control Card	DEEP SEA 7310