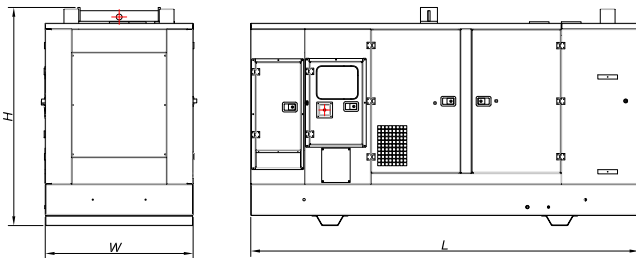


# 250 KVA MINING SERIES PERKINS



### TECHNICAL INFORMATION

Voltage (V):	400/230
Frequency (Hz):	50
PRP Power (kVA)	250
Standby Power (kVA)	275
PRP Power (kW)	200
Standby Power (kW)	220

### Weight and Dimensions (mm)

Length (L)	3755
Width (W)	1450
Height (H)	2385
Weight (kg)	3350
Fuel tank capacity (l)	1180

### Noise Level

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

### Consumption

	PRP Power	
	L/h	Range (hours)
25%	0	0
50%	26.4	49.2
75%	39.5	32.8
100%	49.5	26.2

	Standby Power	
	L/h	Range (hours)
25%	0	0
50%	0	0
75%	43	31.5
100%	49.3	23.8

### ENGINE

Brand	PERKINS
Model	1306C E87TAG6
Electronic Management	YES
No. of cylinders	6
Engine Capacity (c.c)	8710
Bore (mm)	116
Stroke (mm)	135
Compression ratio	16.6:1
Water cooled	YES
Speed (R.P.M.)	1500
Mechanical Net Power (kWm)	218

### Cooling System

Flow of air from fan (m3/min)	375
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### Lubrication System

Oil sump capacity (l)	27
Maximum oil consumption (% fuel consumption)	0.8

### Air intake system

Aspirated air flow (m3/min)	16.1
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### Electrical System

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

### Exhaust System

Input diameter (")	4
Output diameter (")	5.5
Body diameter (mm)	453
Exhaust length (mm)	1.340
T° gas emission (°C)	528
Gas flow (m3/min)	44.5

### ALTERNATOR

Model	LSA 46.2 L6
Electronic Regulation	YES
AVR	R 450
Power (kVA)	250

### ELECTRIC PANEL

Protection Devices	YES
Circuit Breaker	4P 400A R
Control Card	DEEP SEA 7310