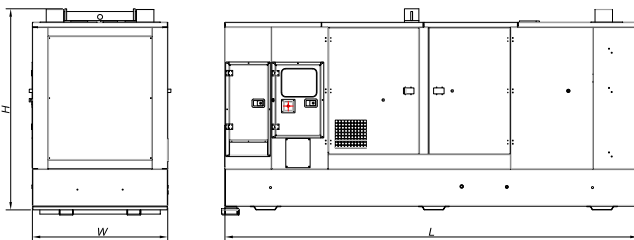


# 450 KVA MINING SERIES PERKINS



### 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	2206A 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)	396

### 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)	25.8
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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)	550
Gas flow (m3/min)	71.4

### ALTERNATOR

Model	LSA 47.2 S5
Electronic Regulation	YES
AVR	R 450
Power (kVA)	455

### ELECTRIC PANEL

Protection Devices	YES
Circuit Breaker	4P 800A R
Control Card	DEEP SEA 7310