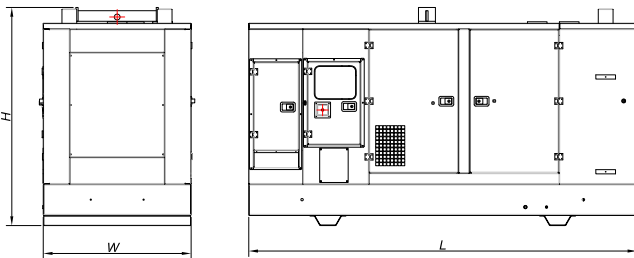


# 275 KVA MINING SERIES MTU



### TECHNICAL INFORMATION

Voltage (V):	400/230
Frequency (Hz):	50
PRP Power (kVA)	275.1
Standby Power (kVA)	300
PRP Power (kW)	220.1
Standby Power (kW)	240

### Weight and Dimensions (mm)

Length (L)	4580
Width (W)	1500
Height (H)	2235
Weight (kg)	4330
Fuel tank capacity (l)	590

### Noise Level

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

### Consumption

	PRP Power	
	L/h	Range (hours)
25%	19.7	29.9
50%	34.6	17.1
75%	47.2	12.5
100%	60.1	9.8

	Standby Power	
	L/h	Range (hours)
25%	20.6	28.6
50%	37.1	15.9
75%	50.3	11.7
100%	64.1	9.2

### ENGINE

Brand	MTU
Model	6R 1600 G10/70F
Electronic Management	YES
No. of cylinders	6
Engine Capacity (c.c)	10500
Bore (mm)	122
Stroke (mm)	150
Compression ratio	17.5:1
Water cooled	YES
Speed (R.P.M.)	1500
Mechanical Net Power (kWm)	239.2

### Cooling System

Flow of air from fan (m3/min)	372
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### Lubrication System

Oil sump capacity (l)	45
Maximum oil consumption (% fuel consumption)	0.5

### Air intake system

Aspirated air flow (m3/min)	18
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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)	495
Gas flow (m3/min)	54

### ALTERNATOR

Model	LSA 46.2 L9
Electronic Regulation	YES
AVR	R 450
Power (kVA)	280

### ELECTRIC PANEL

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