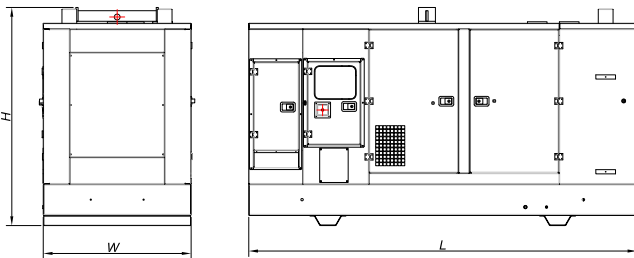


300 KVA MINING SERIES MTU



TECHNICAL INFORMATION

Voltage (V):	400/230
Frequency (Hz):	50
PRP Power (kVA)	310.438
Standby Power (kVA)	341
PRP Power (kW)	248.35
Standby Power (kW)	272.8

Weight and Dimensions (mm)

Length (L)	4660
Width (W)	1550
Height (H)	2530
Weight (kg)	4369
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%	21.53	75.5
50%	37.51	43.3
75%	50.5	31.8
100%	65.89	24.7

	Standby Power	
	L/h	Range (hours)
25%	22.93	70.9
50%	41.21	39.4
75%	55.9	29.1
100%	70.5	22.8

ENGINE

Brand	MTU
Model	6R 1600 G20/80
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)	264.2

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)	24
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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)	485
Gas flow (m3/min)	60

ALTERNATOR

Model	LSA 46.2 VL12
Electronic Regulation	YES
AVR	R 450
Power (kVA)	315

ELECTRIC PANEL

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