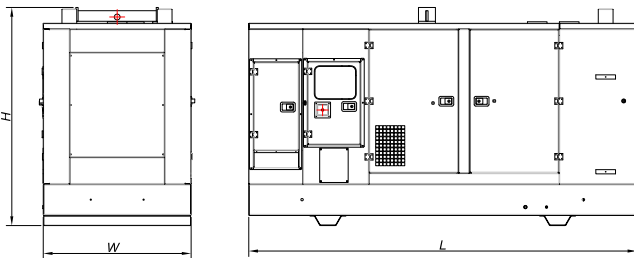


350 KVA MINING SERIES MTU



TECHNICAL INFORMATION

Voltage (V):	400/230
Frequency (Hz):	50
PRP Power (kVA)	365
Standby Power (kVA)	405
PRP Power (kW)	292
Standby Power (kW)	324

Weight and Dimensions (mm)

Length (L)	4580
Width (W)	1500
Height (H)	2235
Weight (kg)	2000
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%	26.1	22.6
50%	44.7	13.2
75%	62.2	9.5
100%	80.3	7.3

	Standby Power	
	L/h	Range (hours)
25%	27.4	21.5
50%	48.6	12.1
75%	68.5	8.6
100%	86.8	6.8

ENGINE

Brand	MTU
Model	8V 1600 G10/70F
Electronic Management	YES
No. of cylinders	8
Engine Capacity (c.c)	14000
Bore (mm)	122
Stroke (mm)	150
Compression ratio	17.5:1
Water cooled	YES
Speed (R.P.M.)	1500
Mechanical Net Power (kWm)	315.4

Cooling System

Flow of air from fan (m3/min)	390
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Lubrication System

Oil sump capacity (l)	43
Maximum oil consumption (% fuel consumption)	0.5

Air intake system

Aspirated air flow (m3/min)	19.2
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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)	549
Gas flow (m3/min)	54.6

ALTERNATOR

Model	LSA 47.2 VS2
Electronic Regulation	YES
AVR	R 450
Power (kVA)	365

ELECTRIC PANEL

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