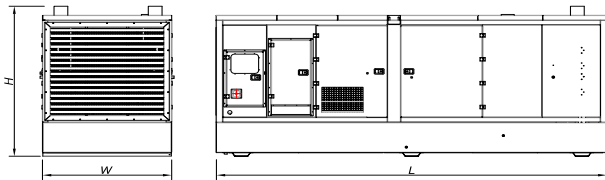


# 650 KVA STANDBY SILENCED SET MTU



## TECHNICAL INFORMATION

Voltage (V):	400/230
Frequency (Hz):	50
PRP Power (kVA)	596.7
Standby Power (kVA)	658.5
PRP Power (kW)	477.4
Standby Power (kW)	526.8

## Weight and Dimensions (mm)

Length (L)	5000
Width (W)	1650
Height (H)	2300
Weight (kg)	6594
Fuel tank capacity (l)	685

## Noise Level

Acoustic Pressure [LpA] (dBA @7m)	71
Acoustic Power [LwA] (Dba)	98

## Consumption

	PRP Power	
	L/h	Range (hours)
25%	35	19.6
50%	63.8	10.7
75%	92	7.4
100%	118.4	5.8

	Standby Power	
	L/h	Range (hours)
25%	37.8	18.1
50%	70.1	9.8
75%	101.1	6.8
100%	130.1	5.3

## ENGINE

Brand	MTU
Model	12V 1600 G10/70
Electronic Management	YES
No. of cylinders	12
Engine Capacity (c.c)	21000
Bore (mm)	122
Stroke (mm)	150
Compression ratio	17.5:1
Water cooled	YES
Speed (R.P.M)	1500
Mechanical Net Power (kWm)	554.5
Fuel tank capacity (l)	685

## Cooling System

Flow of air from fan (m3/min)	612
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## Lubrication System

Oil sump capacity (l)	64
Maximum oil consumption (% fuel consumption)	0.5

## Air intake system

Aspirated air flow (m3/min)	37.8
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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 <sup>a</sup> gas emission (°C)	470
Gas flow (m3/min)	102

## ALTERNATOR

Model	LSA 47.2 L9
Electronic Regulation	YES
AVR	R 450
Power (kVA)	660

## ELECTRIC PANEL

Protection Devices	YES
Control Card	DEEP SEA 7320