



### Prime Power

Refers to the main power supply, working under 70% average load for unlimited time. 10% overloading is allowed.

### Stand-by Power

Refers to the back up power supplied to the varying load for a limited time. Overloading is not allowed.

### Generator

		Prime	Stand-by
Power (kVA)	kVA	1000	1050
Power kW	kW	800	840

Generator Model:	MGS1000B ST
Engine Manufacturer Model:	Mitsubishi / S12A2-PTA2-S
Fuel Type:	Diesel
Frequency:	50 Hz
Power Factor:	Cos $\Phi$ = 0.8
Voltage:	400/231 V

Dimensions		With Canopy	Open Skid
Length	mm	TBA	4060
Height	mm	TBA	2100
Width	mm	TBA	1715
Weight	kg	TBA	6800
Fuel Tank Capacity	lt	TBA	TBA

H: External

K: Container

TBA: To be added

## MGS1000B ST



## Mitsubishi Jeneratör Setleri

### Engine

Engine Manufacturer:		MITSUBISHI
Engine Model:		S12A2-PTA2-S
Engine Type:		4 Stroke Diesel Engine
Engine Stand-by Power:	kWm	850
Engine Prime Power:	kWm	711
Cylinder Arrangement:		V12
Displacement:	lt	37.1
Cooling System:		Water Cooling
Bore x Stroke:	mm	150 x 160
Compression Ratio:		15.3 : 1
Aspiration:		Turbocharged, Aftercooler
Governor Type:		Elektronik
Electrical System:	VDC	24
Lubricant Oil Capacity:	lt	120
Coolant Capacity:	Lt	215
Frequency Lt:	Hz - rpm	50 - 1500
Jacket Water Heater:	Piece x W	TBA
Battery:	Piece x AH	TBA
Charge Alternator Current:	A	25
Injection System:		Direct
Cooling Air Flow:	m <sup>3</sup> /min	1800
Combustion Air Flow:	m <sup>3</sup> /min	78
Exhaust Gas Flow:	m <sup>3</sup> /min	206
Exhaust Gas Temperature:	°C	520
Fuel Consumption Under 100% Load:	lt/h	216
Fuel Consumption Under 75% Load:	lt/h	164
Fuel Consumption Under 50% Load:	lt/h	105

### Alternator

Phase / Pole Number:		3/4+
Excitation System:		Self Excited, Brushless
Voltage Regulator:		A.V.R. (Automatic)
Voltage Regulation:		± 0,5 %
Insulation Class:		H
Protection Class:		IP23
Connection Type:		Star
Frequency:	Hz	50
Power Factor:		0.8
Total Harmonic Distortion (No Load):		< % 3.5
Output Voltage:	VAC	231 / 400

TBA: To be added