THE HUNGARIAN GENERATOR

MAAG 500BDMG

GENSET		
Standby Power	kVA	500
	kW	400
Prime Power	kVA	450
	kW	360
Soundproof canopy [mm]	W x L x H	1400x3750x2646
Open version [mm]	W x L x H	1400x3140x1900
Fuel tank [liter] - base	diesel	846
Net total weight with canopy*	kg	3 800
Net total weight open version*	kg	3 300
Noise [in canopy design]	dB(A)	<85
Control panel		MGD 500L MK2

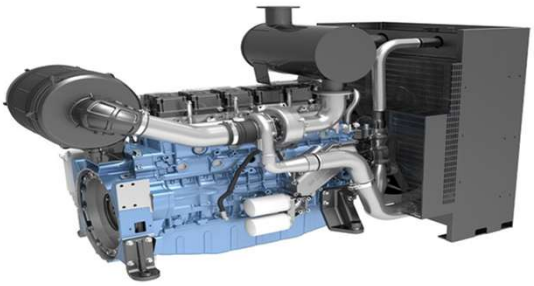
** Including lubrication oil and coolant fluid, excluding fuel*

[info] Genset characteristics:
Displays:
Phase currents (A), Phase voltages (V), Line voltages, Integrated frequency and speed display.
Cooling water temperature, operating hours counter, oil pressure indicator.

[info] AMF Genset control:
Standard voltage-free indications: genset running, high water temperature, low oil pressure, low battery voltage.

[info] Prime power:
Prime Power is the maximum power accessible at the variable load for an unlimited number of hours per year in a variable load setting. It is not advisable that the variable load exceed 70% average of the prime power rating during any operational period. If the engine is running at 100% prime power, yearly hours should not exceed 500. Overload situations should be avoided however a 10% overload capability is available for a 1 hour period within a 12 hour cycle of operation.

[info] Standby power:
Standby Rating for a standby engine should be sized for a maximum of 70% average load factor and roughly 500 hours per year. Standby power ratings should never be applied except in true emergency outage situations. With standby rated generators there is no overload capability built into the units.



MOTOR		
Manufacturer		BAUDOUIN
Model		6M21G500/5
Number of cylinders		6 Soros
Cycle		4
Aspiration		Turbocharger - aftercooler
Cooling system		Water
Cooling circuit capacity	liter	47
Oil capacity	liter	34
Injection		direct
Speed/Frequency	rpm/Hz	1500/50
Fuel consumption	100%	95,9
	75%	69,6
	50%	46,6

ALTERNATOR		
Manufacturer		MAAG
Number of Phase		3
Power factor		cos φ 0,8
Frequency [Hz]		50
Output voltage [VAC]		230 / 400 V
Protection		IP 23
Connection type		Star
Standby power	[kVA]	515
Insulation class		Class H
Model		MG AL 500/3

OTHER INFO	
web: www.maaggenerator.com	

CE

MSZ EN ISO 14001:2015, MSZ EN ISO 9001:2015

All of our products are made in Hungary in our own factory. Please kindly be notified that We reserve the right to make changes without the prior consent of the buyer except the standby and prime power which are always guaranteed. Thank you for understanding.
All pictures shown here are for illustration purpose only.