



TMG POWER

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BAUDOIN DIESEL GENSET

TMG-BD 550

GROUP

		Standby Power	Prime Power
Power	kVA	550	500
Power	kW	440	400
Engine Speed	rpm	1500	
Standard Voltage	V	400 / 230	
Power Factor	Cos Phi	0,8	

Continuous Power

The maximum power which a generating set is capable of delivering continuously whilst supplying a constant electrical load. Average load can be 100%. The generator must not be overloaded.

Standby Power

The maximum power available during a variable electrical power sequence, under the stated operating conditions, for which a generating set is capable of delivering in the event of a utility power outage or under test conditions for up to 200 hrs of operation per year under average of 70% load. Overloading isn't permissible.

Prime Power

The maximum power which a generating set is capable of delivering continuously whilst supplying a variable electrical load. Average load should be 70%. The generator can be overloaded 10% for 1 hour per 12 hrs.

MOTEURS
Baudouin

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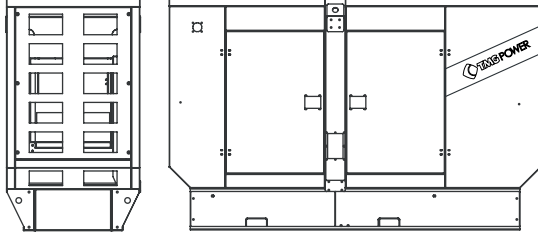
Engine Properties

Brand		BAUDOUIN
Model		6M26G550/5e2
Stand By	kW	484
Prime	kW	440
Time		4
Cylinder Volume	lt	12,54
Cylinder Number and Arrangement		6 Cylinder
Piston Diameter and Stroke	mmxmm	150x150
Compression Ratio		16,5:1
Governor Type		Electronics
Suction System		Turbocharger / l. Cooler
Spray Type		Direct
Cooling Type		Water Cooled
Fuel Consumption at Full Load	lt/h	104,9
Engine Oil Capacity	lt	50
Water Capacity	lt.	142
Voltage	V	24
Battery Capacity	A	2x105

Alternator Properties

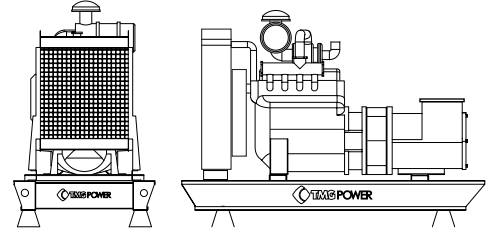
Output Voltage	V	230/400
Frequency	HZ	50
Automatic Voltage Regulation	±%	0,5
Stand by Power	kVA	590
Prime Power	kVA	550
Power Factor	Cosφ	0,8
Number of Cables		12
Winding Line		2/3
Protection Class		IP23 / H
Warning System		Self-Alert
AVR Model		SX440
Alternator Efficiency	%	92

Dimensions



Canopied

L x W x H	mm	4600x1500x2810
Weight	kg	5094
Fuel Tank Capacity	lt.	700



Open Set

L x W x H	mm	3500x1500x2170
Weight	kg	4070
Fuel Tank Capacity	lt.	700

Optitonal

Some Optional Equipments that TMG POWER provides with Generator Sets;

- Medium voltage alternator,
- Remote radiator applications,
- Automatic fuel filling system,
- Fuel tank, oil pan, dashboard, alternator, coil heaters,
- Alternator with double AVR and PMG,
- Synchronization systems, The generator output breaker,
- Grid-generator transfer switches,
- Accordance with the specific volume of demand-insulated cabins,
- Seismic solutions,
- Remote monitoring.
- SMPS 12/24V 10A

Kontrol Panel

- Datakom D500
- Datakom D700
- ComAp AMF9
- ComAp AMF25