



TMG POWER

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YANGDONG DIESEL GENSET

TMGYD-41

GROUP		Standby Power	Prime Power
Power	kVA	41	37,5
Power	kW	33	30
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 maxpower 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 utilitypower 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.



**YANGDONG
DIESEL ENGINES**

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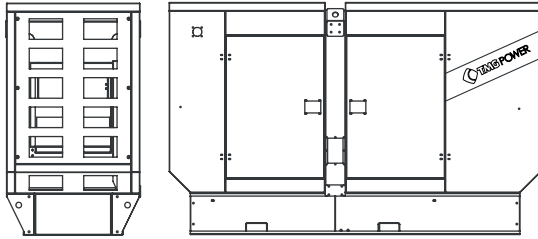
Engine Properties

Brand		Yangdong
Model		Y4102D
Medicine		Direct Injection
Standby Power	<i>kW</i>	33
Prime Power	<i>kW</i>	30
Cylinder Volume	<i>lt.</i>	3,857
Number of Cylinders / Type		4 - Sıra
Engine Speed	<i>rpm</i>	1500
Aspiration		Natural
Cooling Type		Water Radiator
Heater Power		1000V
Piston Diameter And Stroke	<i>mmxmm</i>	102X118
Fuel Consumption 100%	<i>lt.</i>	7,55
Fuel Consumption% 50	<i>lt.</i>	3,77
Oil Capacity	<i>lt.</i>	?
Water Capacity	<i>lt.</i>	?
Voltage	<i>V</i>	24V
Battery Capacity	<i>A</i>	105A

Alternator Properties

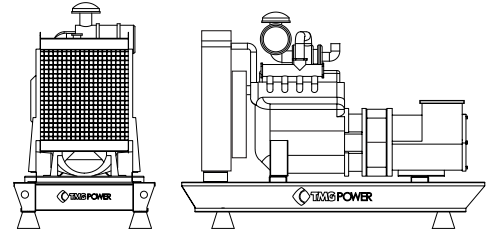
Output Voltage	<i>V</i>	230/400
Frequency	<i>HZ</i>	50
Automatic Voltage Regulation	<i>±%</i>	0,5
Stand by Power	<i>kVA</i>	41
Prime Power	<i>kVA</i>	33
Power Factor	<i>Cosq</i>	0,8
Number of Cables		12
Winding Line		2/3
Protection Class		IP23 / H
Warning System		Self -Alert
AVR Model		SX460
Alternator Efficiency	<i>%</i>	92

Dimensions



Canopied

L x W x H	<i>mm</i>	2300x950x1760
Weight	<i>kg</i>	1050
Fuel Tank Capacity	<i>lt.</i>	95



Open Set

L x W x H	<i>mm</i>	2000x950x1360
Weight	<i>kg</i>	764
Fuel Tank Capacity	<i>lt.</i>	95

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