



TMG POWER

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PERKINS DIESEL GENSET

TMG-P 220

GROUP

		Standby Power	Prime Power
Power	kVA	220	200
Power	kW	176	160
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.

 Perkins

Mermerciler Sanayi Sitesi 3. Cadde No: 7 /B Beylikduzu / ISTANBUL / TURKEY

+90 212 641 94 21 | info@tmgpower.com.tr

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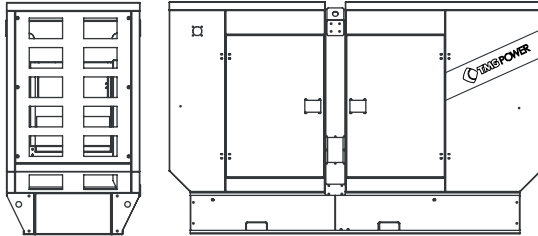
Engine Properties

Brand	Perkins
Model	1106A-70TAG4
Medicine	Direct Injection
Prime Power	kW 178,9
Standby Power	kW 196,3
Cylinder Volume	L 7,01
Number of Cylinders	6 L
Aspiration	Turbo Charge ACC
Cooling system	Water Cooled
Heater Power	Watt 1000W
Broke & Stroke	mmxmm 105x135
Governor	Mechanic
Working Capacity at Full Load	g/kWh 213
Oil Capacity	lt. 16,5
Water Capacity	lt. 21
Voltage	V 24
Battery Capacity	A 2X105

Alternator Properties

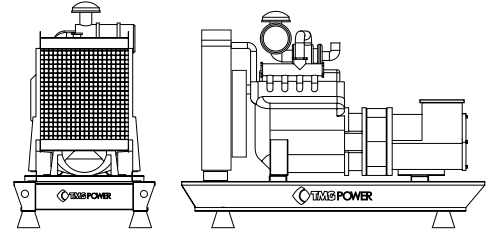
Output Voltage	V	230/400
Frequency	HZ	50
Automatic Voltage Regulation	±%	0,5
Stand by Power	kVA	220
Prime Power	kVA	200
Power Factor	Cosq	0,8
Number of Cables		12
Winding Line		2/3
Protection Class		IP23 / H
Warning System		Self-Alert
AVR Model		SX440
Alternator Efficiency	%	92

Diemensions



Canopied

L x W x H	mm	3070x1100x2000
Weight	kg	1855
Fuel Tank Capacity	lt.	304



Open Set

L x W x H	mm	2770x1100x1600
Weight	kg	1460
Fuel Tank Capacity	lt.	304

Optitonal

Some Optional Equipments that TMG POWER prov ides 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