



# DIESEL Generator Set

SERVICE	
Power	kVA
Power	kW
Speed	r.p.m
Standart Voltage	V
Power Factor	Cos Phi

STAND BY	PRIME		
33	30		
26,4	24		
1500			
400/231			
0,	8		

#### **Prime Power (PRP)**

According to ISO 8528-1:2005, Prime power is the maximum power which a generating set is capable of delivering continuously whilst supplying a variable electrical load when operated for an unlimited number of hours per year under the agreed operating conditions with the maintenance intervals and procedures being carried out as prescribed by the manufacturer. The permissible average power output (Ppp) over 24 h of operation shall not exceed 70 % of the PRP.

#### **Emergency Standby Power (ESP):**

According to ISO 8528-1:2005, Emergency standby power is 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 h of operation per year with the maintenance intervals and procedures being carried out as prescribed by the manufacturers. The permissible average power output over 24 h of operation shall not exceed 70 % of the ESP.



#### THOR GENERATOR

Cummin

50 Hz

TG33C

High E Blok Daire 3106 Ünalan Mah. Libadiye Cad. Emaar Squar Üsküdar/İstanbul/Türkiye +90 216 759 81 29 | www.thorgenerator.com





### ENGINE

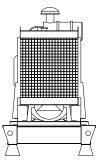
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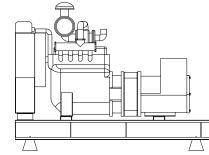
## ALTERNATOR

#### SPECIFICATIONS

Number Of Phases	3
Power Factor	0,8
No of Bearings	Single
No of Poles	4
No of Leads	6-12
Insulation Class	Н
Degree of Protection	IP23
Excitation System	AVR
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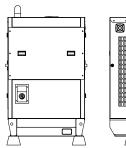
## DIMENSIONS

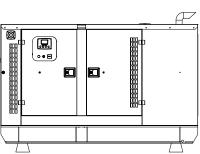




#### OPEN TYPE

WxLxH	mm	950 x 2015 x 1384
Weight	kg	820
Fuel Tank Capacity	lt	180





#### CANOPIED

WxLxH	mm	1008 x 2282 x 1532
Weight	kg	1040
Fuel Tank Capacity	lt	180

#### SOUNDPROOF CANOPIED

- Special design for minimizing acoustic level
- Galvanized steel construction further protected by polyester powder coat paint
- Black finish stainless steel locks and hinges
- Control panel viewing window in a lockable access door
- Emergency stop push button (red) mounted on enclosure exterior
- Lifting, drag and jacking points on base frame
- Radiator fill via removable, flush mounted rain cap fitted with compression seal

#### THOR GENERATOR

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+90 533 070 09 09 pbx info@thorgenerator.com





## OPTIONAL GENSET CONTROLLERS

Next generation single gen-set controllers for Stand-by and Prime power applications combining multi-functionality and wide communication with EFI engines.



	Datakom SMART 200	Datakom D500	Datakom D500-GSM	Deepsea 6120	Deepsea 7320	ComAp AMF25	EMKO Trans-AUTO
Automatic Mains Monitoring	<b>v</b>	✓	<b>v</b>	✓	<b>v</b>	<b>v</b>	<b>v</b>
Manuel Start	✓	✓	✓	✓	✓	✓	✓
Remote Start	OPTIONAL	OPTIONAL	<b>v</b>	X	OPTIONAL	OPTIONAL	OPTIONAL
Remote Monitoring With Sim Card	Х	OPTIONAL	OPTIONAL	OPTIONAL	OPTIONAL	OPTIONAL	OPTIONAL
1 Adıtıonal Option (Horn, Oil-Fuel Heater Etc.)	✓	<b>V</b>	<b>v</b>	✓	<b>V</b>	<b>V</b>	<b>V</b>
Light Warning And Mimic Diagram	✓	✓	<b>v</b>	✓	✓	<b>v</b>	<b>v</b>
Battery Charger	✓	<b>V</b>	<b>v</b>	✓	✓	<b>v</b>	<b>V</b>
Rs-485 Communication	OPTIONAL	✓	<b>v</b>	X	✓	OPTIONAL	<b>v</b>
Ethernet (Tcp-Ip) Communication	X	<b>v</b>	<b>V</b>	Х	OPTIONAL	OPTIONAL	OPTIONAL

## OPTIONAL EQUIPMENTS

Some of our Optional Equipments which can be provided with Generator Sets But not limited to;

- Medium voltage alternator
- Remote radiator applications
- External fuel tanks. Automatic and Manuel fuel filling system from external fuel tanks
- Fuel tank heater, oil pan heater, Anti-condensation heater
- Alternator with PMG (Permanent Magnet Generator)
- Synchronization systems
- Double Walled Fuel Tanks
- Container type canopy
- Lube oil and fuel drain pumps
- Trailer
- Remote monitoring options on the control panel
- Electronic fuel level indicator



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