



## DIESEL GENERATOR SET

SERVICE		STAND BY	PRIME
Power	kVA	550	500
Power	kW	440	400
Speed	r.p.m	1500	
Standart Voltage	V	230/400	
Power Factor	Cos Phi	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.



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

**THOR GENERATOR**

High E Blok Daire 3106 Ünalın Mah. Libadiye Cad.

Emaar Squar Üsküdar/İstanbul/Türkiye

+90 216 759 81 29 | www.thorgenerator.com

## ENGINE

### SPECIFICATIONS

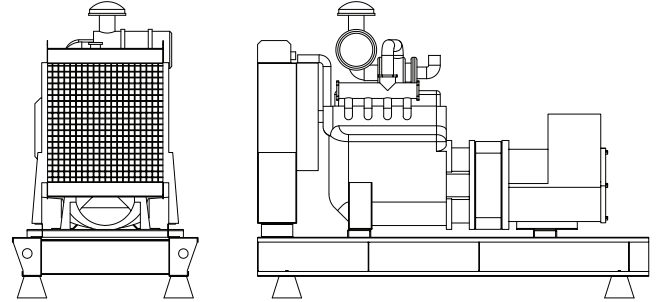
Brand	LISTER PETTER
Model	LP625EG1
Model Series	Mars Max
Emission	Stage III
Fuel Type	4 Stroke – Diesel
Injection Type and System	Indirect injection
Aspiration	Turbo Charge & Air-Air
Governor System	ECU
Number of Cylinders	6
Bore and Stroke	mmxmm 170x185 mm
Total Displacement	lt 25
Cooling System	Water Cooled
Compression Ratio	14.5:1
Fuel Consumption 50% PRP	lt/s 61
Fuel Consumption 75% PRP	lt/s 85
Fuel Consumption 100 % PRP	lt/s 111
Fuel Consumption Standby	lt/s 121
Total oil capacity	lt 75
Total coolant capacity	lt 56

## ALTERNATOR

### SPECIFICATIONS

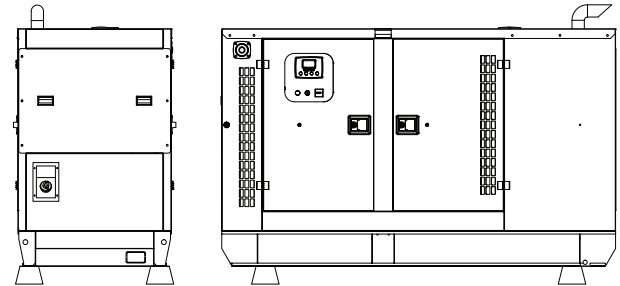
Number Of Phases	3
Power Factor	0,8
No of Bearings	Single
No of Poles	4
No of Leads	6-12
Insulation Class	H
Degree of Protection	IP23
Excitation System	AVR

## DIMENSIONS



### OPEN TYPE

WxLxH	mm	3600 x 1600 x 2400
Weight	kg	4300
Fuel Tank Capacity	lt	810



### CANOPIED

WxLxH	mm	4640 x 1600 x 2750
Weight	kg	5300
Fuel Tank Capacity	lt	810

### 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



## 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



EMKO Trans-AUTO



DEEPSEA 7320



ComAp AMF25



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

