

# FG330

## Dizel Jeneratörler



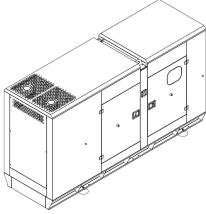
### GENERAL SPECIFICATIONS

|           |     |                     |
|-----------|-----|---------------------|
| Stand By  | kVA | 330 Kilovolt-Ampere |
|           | kW  | 264 Kilowatt        |
| Prime     | kVA | 300                 |
|           | kW  | 240 Kilowatt        |
| Frequency | Hz  | 50 Hertz            |

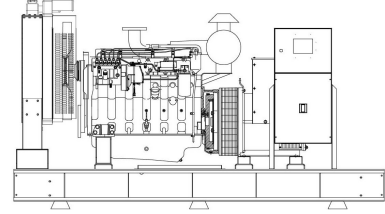
1 Standby power: Used as a backup to mains power, as an emergency power source under variable load, no overloading.  
2 Prime Power: Continuous power source under variable load for 24/24 hours. 1/12 hour 10% overloading is permitted.

### DIMENSIONS AND WEIGHTS

WITH CANOPY



WITHOUT CANOPY



|                                  |                       |
|----------------------------------|-----------------------|
| Weight With/Without Cabin        | 3840 (3070) Kilogram  |
| Width (mm) - With/Without Cab    | 1200 (1200) Milimetre |
| Length (mm) - With/Without Cab   | 3900 (3275) Milimetre |
| Height (mm) - With/Without Cabin | 2210 (2330) Milimetre |
| Fuel Tank Capacity               | 520 Litre             |

Topçular A.Ş. önceden haber vermeksizin ürünlerin model, teknik özellikler, renk, ekipman ve aksesuarlarıyla alakalı değişiklik yapma hakkını saklı tutar

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## ENGINE

|                               |                             |
|-------------------------------|-----------------------------|
| Engine Brand                  | SD                          |
| Engine Model                  | SD13G355D                   |
| Number and Type of Cylinders  | 6 Inline                    |
| Injection and System Type     | Direct                      |
| Compression Ratio             | 17 : 1                      |
| Diameter                      | 135 Millimetre              |
| Stroke                        | 150 Millimetre              |
| Cylinder Displacement         | 12.88 Litre                 |
| Air Suction Power             | Turbocharged Intercooler    |
| RPM                           | 1500 Revolutions per Minute |
| Oil Capacity                  | 35 Litre                    |
| Standby Power                 | 286 / 383                   |
| Prime (PRP)                   | 260 / 348                   |
| Fuel Type                     | Euro Diesel                 |
| Governor System               | Electronic                  |
| Cooling Method                | Water Cooled                |
| Coolant Capacity              | 60 Litre                    |
| Fuel Consumption at Full Load | 58.7 Litre                  |
| Fuel Consumption at 75% Load  | 44 Litre                    |
| Fuel Consumption at 50% Load  | 29.4 Litre                  |

## ALTERNATOR

|                        |           |
|------------------------|-----------|
| Voltage                | 400 Volt  |
| Phase                  | 3         |
| Voltage Regulation     | ±1%       |
| Insulation Class       | H         |
| Protection Class       | IP23      |
| Power Factor           | 0.8 Ratio |
| Frequency (Alternator) | 50 Hertz  |

## TECHNICAL SPECIFICATIONS

### DIESEL ENGINE

- PERKINS heavy duty diesel engine
- 12V / 24V starter motor and battery charging alternator
- Replaceable; air, fuel and oil filters
- Mechanical - Electronic governor control
- Tropical type radiator
- Flexible fuel hose
- Oil drain valve and extension hose
- Industrial type silencer and steel compensator
- Maintenance-free starter battery
- Engine block water heater
- 1500 rpm engine speed

### ALTERNATOR

- IP 23 Protection class
- H insulation class
- 50 Hz frequency
- 4-pole brushless synchronous type alternator
- Automatic voltage regulator (AVR)
- 400/230V A.C. output voltage - 1500 rpm

### CANOPY AND CHASSIS

- Design suitable for easy lifting and transport
- Cabin equipped with sound insulation
- Modular cabin design with easily removable nut-bolt system
- Lockable cabin doors
- Control panel viewable through transparent window
- Electrostatically powder coated, protected against external factors
- Emergency stop button
- Fuel tank within the chassis
- Anti-vibration mounts between engine-chassis and chassis-ground

### OPTIONAL EQUIPMENT

- Critical type silencer and super silent cabin
- Thermal magnetic switch (for automatic models)
- Sound insulation cabinet
- Trailer-mounted generator set
- Automatic fuel filling system
- Synchronization systems
- 3-pole / 4-pole power transfer panel
- Fuel heater, Oil heater
- External fuel tank and automatic fuel filling system
- Fuel-water separator filter
- Computer-controlled remote monitoring and control panel
- PMG Alternator



