



TMG POWER

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YANGDONG DIESEL GENSET

TMGYD-15

GROUP

| | | Standby Power | Prime Power |
|------------------|---------|---------------|-------------|
| Power | kVA | 15 | 13,5 |
| Power | kW | 12 | 11 |
| 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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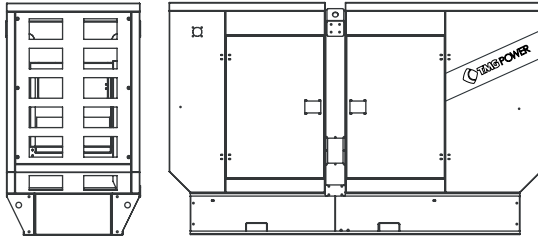
Engine Properties

| | | |
|-----------------------------------|--------------|------------------|
| Brand | | Yangdong |
| Model | | YD385D |
| Medicine | | Direct Injection |
| Standby Power | <i>kW</i> | 13 |
| Prime Power | <i>kW</i> | 12 |
| Cylinder Volume | <i>lt.</i> | 1,49 |
| Number of Cylinders / Type | | 3 - Sıra |
| Engine Speed | <i>rpm</i> | 1500 |
| Aspiration | | Natural |
| Cooling Type | | Water Radiator |
| Heater Power | | 1000V |
| Piston Diameter And Stroke | <i>mmxmm</i> | 85x90 |
| Fuel Consumption 100% | <i>lt.</i> | 3,69 |
| Fuel Consumption% 50 | <i>lt.</i> | 1,84 |
| Oil Capacity | <i>lt.</i> | 5,3 |
| Water Capacity | <i>lt.</i> | 7,6 |
| Voltage | <i>V</i> | 24V |
| Battery Capacity | <i>A</i> | 105A |

Alternator Properties

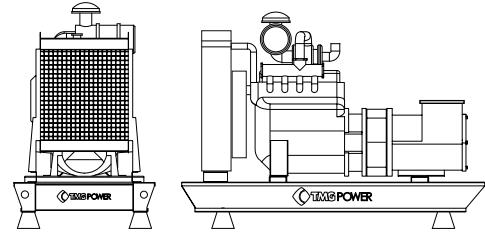
| | | |
|-------------------------------------|-------------|-------------|
| Output Voltage | <i>V</i> | 230/400 |
| Frequency | <i>HZ</i> | 50 |
| Automatic Voltage Regulation | <i>±%</i> | 0,5 |
| Stand by Power | <i>kVA</i> | 15 |
| Prime Power | <i>kVA</i> | 12 |
| Power Factor | <i>Cosq</i> | 0,8 |
| 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> | 2000x950x1460 |
| Weight | <i>kg</i> | 700 |
| Fuel Tank Capacity | <i>lt.</i> | 95 |



Open Set

| | | |
|---------------------------|------------|---------------|
| L x W x H | <i>mm</i> | 1700x950x1060 |
| Weight | <i>kg</i> | 450 |
| 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