

Diesel Generators

20-1650 kVA

Tescom Diesel generator series is a fully integrated power generation system, providing optimum performance, reliability, and versatility for stationary standby, prime power and continuous duty applications. Unlimited hours use of all (100%) of the defined power.



TRANSPORTATION



DATA CENTER



INDUSTRY



SECURITY



OFFICE



SHIPPING



MEDICAL

GENERAL SPECIFICATIONS

- Heavy-duty engine - Rugged 4-cycle industrial diesel delivers reliable power, low emissions and fast response to load changes.
- Alternator - Low reactance 2/3 pitch windings; low waveform distortion with non-linear loads, fault clearing short-circuits capability, and class H insulation.
- Cooling system - The standard integrated kit model radiator system designed and tested for nominal ambient temperatures, simplifies facility design requirements for heat rejected.
- Control system - Datakom electronic control is standard equipment and provides total genset system integration, including auto remote start/ stop, alarm and status message display.
- Canopy Types - Optionally it is possible to make it protective and soundproof against adverse climatic conditions.
- Warranty and service - Backed by a comprehensive warranty and worldwide aftersales support, 10 years of spare parts supplying.

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AVAILABLE IN 3 MOTORS



STANDBY RATING (ESP)

It is the way that generators operate under variable load at certain time intervals. It can work as a backup power. It is not suitable to work under extreme load.

PRIME RATING (PRP)

Applicable for supplying power to varying electrical load for unlimited hours. 10% overload capability is available for a period of 1 hour within 12-hour period of operation.

CONTINUOUS OPERATION

It is the continuous working under constant load. Unlimited hours use of all (100%) of the defined power. It cannot be overloaded above the defined power. For use where there is no mains power.

DESCRIPTION

TESCOM TDJ Series Diesel generator set is a fully integrated power generation system, providing optimum performance, reliability, and versatility for stationary standby, prime power and continuous duty applications.



WATER COOLED

HZ

50HZ



EASY
MAINTENANCE



3 PHASE



DIESEL



REMOTE
CONTROL

CONTROL SYSTEM

The new D300 MK2 genset controller is a cost effective modular genset controller ready for internet monitoring through plug-in modules. Its main advantages are multi-functionality, support for multiple topologies, harmonic analysis and detailed power measurements.

DESCRIPTION

Software features are complete with easy firmware upgrade through USB port. The Windows based PC software allows monitoring and programming through USB, RS-485, RS-232, Ethernet and GPRS. The Rainbow Scada web service allows monitoring and control of an unlimited number of gensets from a single central location.



PLUGIN MODULES

- GSM Modem (2G-3G-4G)
- Ethernet 100Mbps
- Wi-Fi (802.11 b/g/n)
- RS-485 (2400-57600baud)
- RS-232 (2400-57600baud)