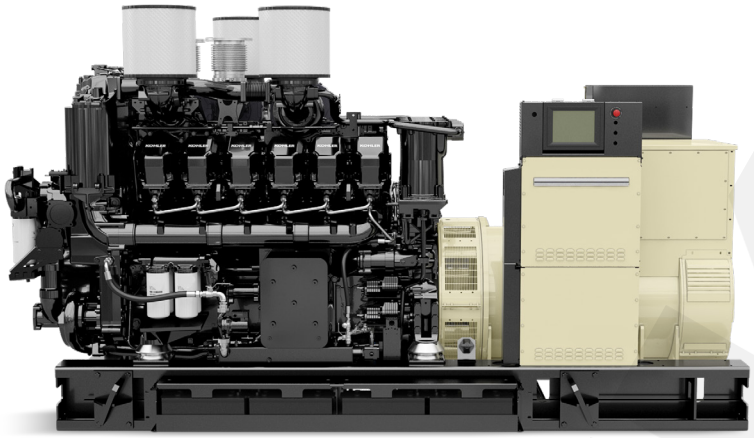
DEMKA
single source for all electrical needs

DIESEL GENERATORS



TECHNICAL DATA

Stand-by Power Range (kVA): from 12kVA up to 3000kVA
Stand-by Power Range (kW): from 9,60kW up to 2400kW
Prime Power Range (kVA): from 11kVA up to 2750kVA
Prime Power Range (kW): from 8,80kW up to 2200kW
Frequency(Hz): 50Hz
Canopy: Optional
Fuel Type: Diesel
ATS Panel: Optional
Synchronization Panel: Optional

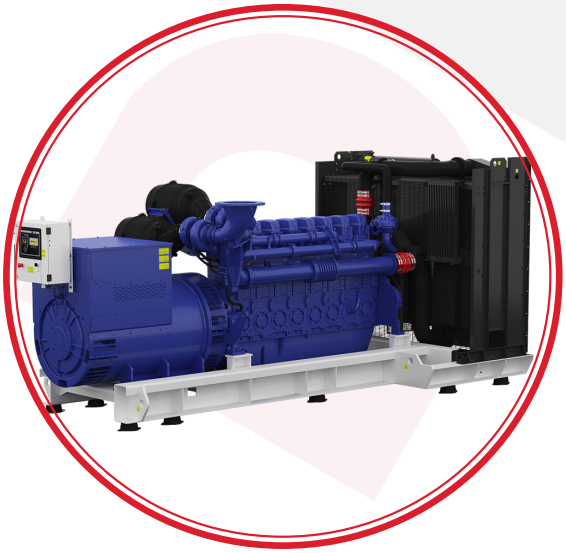
Stand-by Power: It refers to limited time operation at variable load where the mains is good. Overloading is not allowed.
Prime Power: It means working for unlimited time at 70% average load as mains backup. 10% overload is allowed.

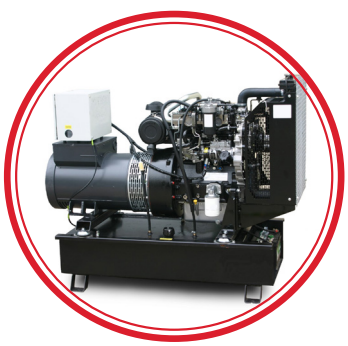
INTRODUCTION

A diesel generator utilizes a diesel engine and electric generator to generate electrical energy. Liquid fuels or natural gas are usually used as the primary fuel of the diesel generator. Totally, a diesel generator works based on air compression and fuel. First, the air is blown into the generator until it is compressed. Subsequently, the proper fuel of the diesel generator is injected. The combination of air compression and subsequent injection of the fuel will contribute to generating the heat that triggers the inflammation of the fuel. In this way, the diesel generator starts combustion and causes the generator to start up. Thus the generator starts to produce the necessary electrical energy to be distributed according to the needs of the MG (loads) connected to the diesel generator.

APPLICATION

- Commercial Infrastructure
- Industry
- Military
- Power Plants
- Mining





demka@demkaexport.com