



Key Features

- Ruggedized design for military applications
- Designed to operate in harsh conditions
- Highly efficient, robust 4 cylinder oil cooled engine
- High grade filtration systems
- Multi fuel supply
- Designed to meet stringent RFI/EMC standards
- Easily accessible consumables and preventative maintenance tasks
- Local and remote controller
- In service with military throughout the world
- Paint to customers specifications
- Optional 250 Litre Fuel Tank

Military Packaged Generators

MPG-065

The MPG-065 is a high specification military generator developed for ground infrastructure, shelter integration or mobile applications where high quality continuous power is required.

The generator prime rating is 50KVA, 240V 3 phase and available in either 50Hz or 60Hz with a 24V 75A DC jump start capability via a NATO slave socket. The four pole generator is driven by a highly efficient 4 cylinder, oil cooled diesel engine running at 1500rpm resulting in smooth engine running with a low acoustic signature and low fuel consumption. The generator is located within an airflow optimised aluminium enclosure with thermal and acoustic insulation to limit the thermal and acoustic radiation. The diesel engine incorporates a high volume oil heat exchanger and high flow fan which manages the air flow through the enclosure to operate in ambient up to +58°C, low temperature operation is achieved through an integrated diesel air heater and battery warmers resulting in full rated power at -40°C to +58°C.

The generator is developed for harsh

environments with multi stage fuel and air filtration systems located within the enclosure. The engine configuration and enclosure design allows all maintenance activities to be accessed from one side of the system, allowing easy access for maintenance activities in confined shelter applications.

The electronic generator controller allows for local and remote operation as well as manual or automatic operation where the generator is used in reserved of mains power or a UPS.

The MPG-065 is a versatile, military grade generator which can be supplied independently or as a full shelter and HVAC integration.

About CMCA

CMCA's Power Generation and Distribution Division designs and manufactures all types of electrical power generation equipment, including high-quality military mobile generators and auxiliary power units for the UK, NATO and international defence forces. Its products are state-of-the-art, innovative and efficient electrical power systems which offer the customer the ultimate combination of performance, versatility and reliability.



Facts and Figures

Overall Dimensions (nominal):

Length: 2155mm
 Width: 850mm
 Height: 1095mm

Dry Weight: 840kg

Engine: Oil Cooled Diesel

Fuel: Diesel or AVTUR

Output: 50KVA, 240V
 3 Phase, 50Hz or 60Hz

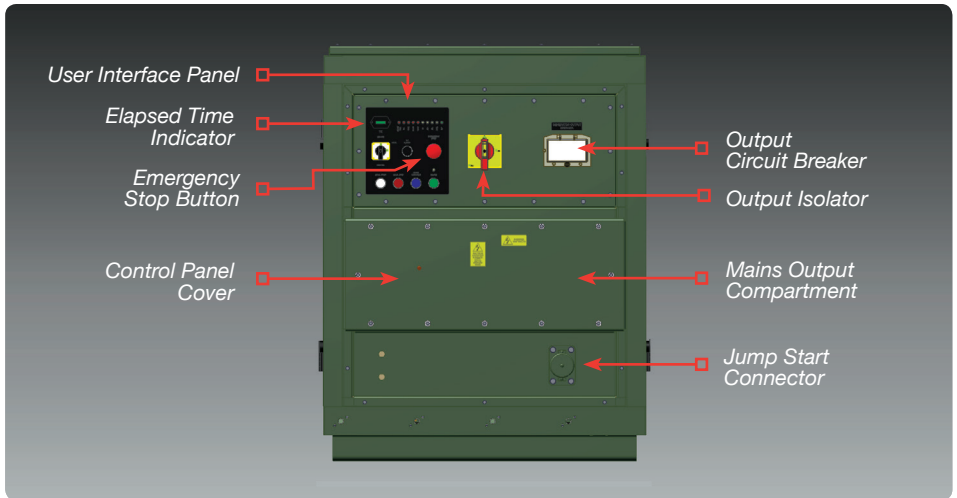
Electric Start: Manual or Automatic

Operating Conditions: -40°C to +58°C

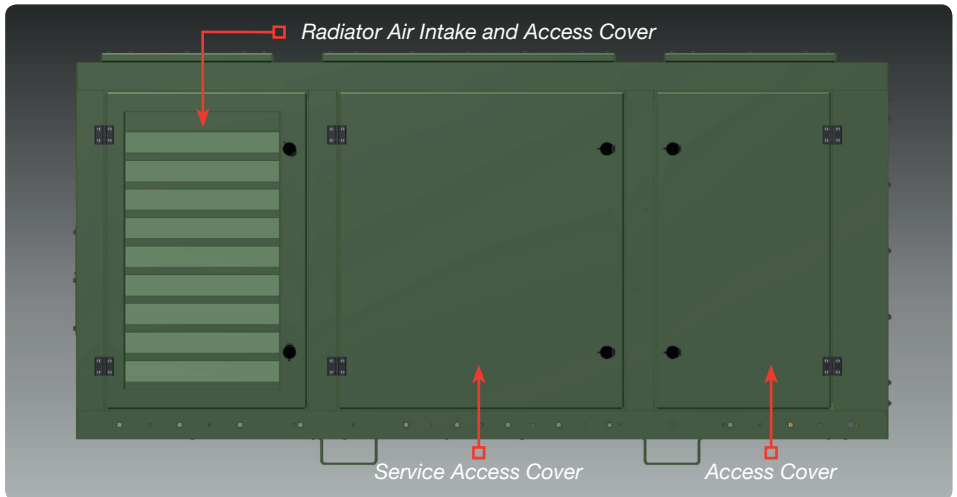
RFI/EMC Capabilities: Designed to meet Def Stan 59-411 Land Class A

Front Elevation

MPG-065



Side Elevation



Further Information

For a full technical specification on this or any other CMCA product please contact:

Plan View

