GENERATOR SET, DIESEL ENGINE, 2kW, 60Hz

TAMCN: B0980
ID: 11101A
NSN: 6115-01-435-1565

Functional Description

The 2kW Military Tactical Generator Set, (MTG) MEP-531A, is a self-contained, skid mounted, portable unit. It is equipped with controls, instruments and accessories necessary for operation. The generator set consists of a diesel engine, direct drive AC alternator, speed governing system, fuel system, 24VDC auxiliary cold weather starting system (23°F or below), and generator control system. The generator set is designed to be used with any equipment requiring a small source of AC power and operates in a “Hot and Basic” climatic condition range of -25°F to +120°F. The generator set is portable and requires a four-person lift.

Technical Description

**Generator Set**
- Manufacturer: Dewey
- Model: MEP-531A
- Voltage (Volts): 120
- Frequency (Hz): 60
- Speed (RPM): 3600 to 3750
- Phase: 1

**Fuel**
- Fuel Capacity (Gal): 1.6
- Fuel Consumption (GPH): 0.3
- Fuel Requirement: Diesel/JP-8

**Dimensions**
- Length (in): 29.5
- Width (in): 16
- Height (in): 21.7

**Engine**
- Manufacturer: Yanmar
- Model: L48AE-DEG
- Type: 4 Cycle
- Cylinders: 1
- Displacement: 12.88 in³ (0.21L)

**Aural Signature**
- Audio Rating: 79dBA @ 7 meters

**Replaced Items**
No USMC items replaced.

**Transportability**
All variants of the M116 trailer.