

GENERATOR SET, DIESEL ENGINE, 2kW, 28VDC



TAMCN: B0106

ID: TBD

NSN: 6115-01-435-1567

Functional Description

The 2kW Military Tactical Generator Set, (MTG) MEP-501A, 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 DC alternator, speed governing system, fuel system, 24 VDC 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 DC 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-501A
 Voltage (Volts): 28 VDC
 Speed (RPM): 3600 to 3750
 Phase: 1

Engine

Manufacturer: Yanmar
 Model: L48AE-DEG
 Type: 4 Cycle
 Cylinders: 1
 Displacement: 12.88³ in (0.211L)

Fuel

Fuel Capacity (Gal): 1.6
 Fuel Consumption (GPH): 0.33
 Fuel Requirement: Diesel/JP-8

Dimensions

Length (in): 29.5
 Width (in): 16
 Height (in): 21.8
 Weight (lbs):
 Dry: 123.5
 Wet (coolant & POLs): 138
 Volume (ft³): 6.0

Aural Signature

Audio Rating: 79dBA @ 7 meters

Replaced Items: No USMC items replaced.

Transportability: All variants of USMC platforms.