

GENERATOR, LIGHT WEIGHT, MAN-PORTABLE

TAMCN: B09807B

I.D: 11101A

NSN: 6115-01-435-1565



Functional Description

The 2kW LTWT, Man-Portable Generator Set, 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, 24 VDC auxiliary cold weather starting system and generator control system. The generator set can be used with any equipment requiring a small source of AC power.

Technical Description

Information

Manufacturer: DOD PM-Mobile Electric Power
 Model: MEP-531A

Engine

Manufacturer: Yanmar
 Model: L48AE-DEG
 Type: 4 Cycle
 Cylinders: 1
 Displacement: 12.88 in³ (0.21L)
 Speed (RPM): 3,600-3,750

Output

AC: 120, 60Hz
 Phase: Single-Phase
 Wire: 3-Wire

Aural Signature

Audio Rating: 79dBA @ 7m

Transportability: Treat as cargo.

Fuel

Type: Diesel/JP-8/F-24
 Fuel Capacity (Gal): 1.6
 Average Fuel Consumption (GPH): 0.3

Temperatures

Operating: -25°F to +120°F

Shipping Dimensions

Length (in): 29.5
 Width (in): 16.0
 Height (in): 21.7
 Square (ft²)/Cube (ft³): 3.3/5.9

Weight (lbs)

Dry: 123.5
 Wet (Coolant & POLs): 152.0

NOTE: The MEP-531A requires four-person lift.