

GENERATOR SET, SKID MTD, 10KW/400HZ, TACTICAL QUIET GENERATOR

TAMCN: B09217B

I.D: 09248A

NSN: 6115-01-274-7392



Functional Description

The 10kW Tactical Quiet Generator (TQG), MEP-813A, is a fully enclosed, 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, brushless generator, excitation system, speed governing system, fuel system, 24 VDC starting system, control system, and fault 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: MEP813A

Engine

Manufacturer: Onan
 Model: DN4M
 Type: 4 Cycle
 Cylinders: 4
 Displacement: 114 in³ (1.9L)
 Speed (RPM): 2,000

Output

AC: 120/208/240, 400Hz
 Phase: Single & 3-Phase
 Wire: 3/5-Wire

Aural Signature

Audio Rating: 70dBA @ 7m

Replaced TAMCN: B09217B, Generator Set, MEP-112A, NSN: 6115-00-465-1027.

Transportability: Treat as cargo or mount on TAMCN D00177K, M1102 MCC trailer.

Fuel

Type: Diesel/JP-8/F-24
 Fuel Capacity (Gal): 9.0
 Average Fuel Consumption (GPH): 1.07

Temperatures

Operating: -25°F to +120°F

Shipping Dimensions

Length (in): 62.0
 Width (in): 32.0
 Height (in): 37.0
 Square (ft²)/Cube (ft³): 13.8/42.5

Weight (lbs)

Dry: 1,170.0
 Wet (Coolant & POLs): 1,272.0

NOTE: The MEP-813A requires forklift support.