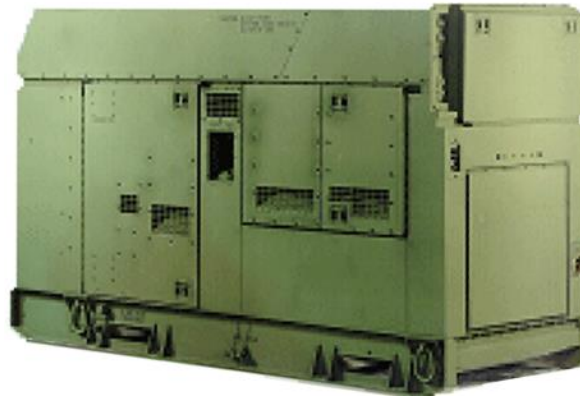


GENERATOR SET, 100KW, 60HZ, SKID MOUNTED, TACTICAL QUIET GENERATOR

TAMCN: B10457B

I.D: 07464C

NSN: 6115-01-296-1463



Functional Description

The 100kW Tactical Quiet Generator (TQG), MEP-807A, is a fully enclosed, self-contained, skid-mounted, portable unit. It is equipped with controls, instruments, and accessories necessary for operation as a single unit or in parallel with another unit of the same class and mode. The generator set consists of a diesel engine, brushless generator, excitation system, speed governing system, fuel system, 24 VDC starting system, control system, fault system, and EMCP. The generator set can be used with any piece of equipment requiring a large source of AC power.

Technical Description

Information

Manufacturer: DOD PM-Mobile Electric Power
 Model: MEP-807A

Fuel

Type: Diesel/JP-8/F-24
 Fuel Capacity (Gal): 66.0
 Average Fuel Consumption (GPH): 7.85

Engine

Manufacturer: Caterpillar
 Model: 3126B
 Type: 4 Cycle
 Cylinders: 6
 Displacement: 442 in³ (7.25L)
 Speed (RPM): 1,800

Temperatures

Operating: -25°F to +120°F

Shipping Dimensions

Length (in): 106.0
 Width (in): 40.0
 Height (in): 65.0
 Square (ft²)/Cube (ft³): 29.4/159.5

Output

AC: 120/208/240/416, 50/60Hz
 Phase: 3-Phase
 Wire: 5-Wire

Weight (lbs)

Dry: 5,500.0
 Wet (Coolant & POLs): 6,100.0

Aural Signature

Audio Rating: 72dBA @ 7m

Replaced Items: B10457B, Generator Set, MEP-007A/B, NSNs: 6115-00-133-9101/6115-01-036-6374.

Transportability: Treat as cargo or mount on TAMCN D00817K, MK353 trailer.

NOTE: The MEP807A requires forklift support.