

GENERATOR SET, SKID MOUNTED, 30KW/400HZ, TACTICAL QUIET GENERATOR

TAMCN: B09717B

I.D: 09246B

NSN: 6115-01-462-0290



Functional Description

The 30kW Tactical Quiet (TQG) Generator Set, MEP-815B, 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, cooling system, excitation system, governing system, fuel system, 24 VDC starting system, DCS, and fault system. The generator set can be used with any piece of equipment requiring a medium source of AC power.

Technical Description

Information

Manufacturer: DOD PM-Mobile Electric Power
Model: MEP-815B

Fuel

Type: Diesel/JP-8/F-24
Fuel Capacity (Gal): 23.0
Average Fuel Consumption (GPH): 2.75

Engine

Manufacturer: John Deere
Model: 4045TF151
Type: 4 Cycle
Cylinders: 4
Displacement: 239 in³ (3.9L)
Speed (RPM): 2,000

Temperatures

Operating: -25°F to +120°F

Shipping Dimensions

Length (in): 79.7
Width (in): 35.7
Height (in): 55.0
Square (ft²)/Cube (ft³): 19.8/90.6

Output

AC: 120/208/240/416, 400Hz
Phase: 3-Phase
Wire: 5-Wire

Weight (lbs)

Dry: 2,732.0
Wet (Coolant & POLs): 2,931.0

Aural Signature

Audio Rating: 71dBA @ 7m

Replaced TAMCN: B09717B, Generator Set, MEP-815A, NSN: 6115-01-274-7394.

Transportability: Treat as cargo or mount on TAMCN D00177K, M1102 MCC trailer, or TAMCN D00817K, MK353 trailer.

NOTE: The MEP-815B requires forklift support.