

GENERATOR SET, 60KW, 400HZ, SKID MOUNTED

TAMCN: B10167B

I.D: 09245B

NSN: 6115-01-462-0292



Functional Description

The 60kW Tactical Quiet Generator (TQG), MEP-816B, 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: MCI
Model: MEP-816B

Fuel

Type: Diesel/JP-8/F-24
Fuel Capacity (Gal): 43.0
Average Fuel Consumption (GPH): 5.37

Engine

Manufacturer: John Deere
Model: 6068TF151
Type: 4 Cycle
Cylinders: 6
Displacement: 359 in³ (5.9L)
Speed (RPM): 2,000

Temperatures

Operating: -25°F to +120°F

Shipping Dimensions

Length (in): 87.0
Width (in): 35.7
Height (in): 59.0
Square (ft²)/Cube (ft³): 21.6/106.0

Output

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

Weight (lbs)

Dry: 3,603.0
Wet (Coolant & POLs): 4,042.0

Aural Signature

Audio Rating: 72dBA @ 7m

Replaced TAMCN: B10167B, Generator Set, MEP-816A, NSN: 6115-01-274-7395.

Transportability: Treat as cargo.

NOTE: The MEP-816B requires forklift support.