

GENERATOR SET, 3KW, 60HZ, SKID-MOUNTED

TAMCN: B07307B

I.D: 10155A

NSN: 6115-01-285-3012



Functional Description

The 3kW Generator Set, MEP-831A, 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, permanent magnet AC generator, control box assembly, output/load panel, primary and auxiliary fuel systems, enclosure cooling and ventilation system, engine exhaust assembly, and a 24 VDC battery. The generator set can be used with any equipment requiring a small source of AC power.

Technical Description

Information

Manufacturer: Fermont
 Model: MEP-831A

Fuel

Type: Diesel/JP-8/F-24
 Fuel Capacity (Gal): 4.0
 Average Fuel Consumption (GPH): 0.5

Engine

Manufacturer: Yanmar
 Model: L70AE-D/DE
 Type: 4 Cycle
 Cylinders: 1
 Displacement: 18.1 in³ (0.296L)
 Speed (RPM): 3,000/3,600

Temperatures

Operating: -25°F to +120°F

Shipping Dimensions

Length (in): 34.8
 Width (in): 27.8
 Height (in): 26.5
 Square (ft²)/Cube (ft³): 6.7/14.8

Output

AC: 120/240, 60Hz
 Phase: Single-Phase
 Wire: 3-Wire

Weight (lbs)

Dry: 304.0
 Wet (Coolant & POLs): 334.0

Aural Signature

Audio Rating: 70dBA @ 7m

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

NOTE: MEP-831A requires a six-person lift.