

GENERATOR SET, DIESEL ENGINE, 10kW, 60Hz



TAMCN: B0891

ID: 09247A

NSN: 6115-01-275-5061

Functional Description

The 10kW TQG Generator Set, MEP-803A, 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, 24VDC starting system, control system and fault system. The generator set is designed to be used with any equipment requiring a small source of AC power and operates in a "Hot and Basic" climatic condition range of -25°F to +120°F. This generator set is mobile and requires forklift support.

Technical Description

Generator Set

Manufacturer: Fermont
 Model: MEP-803A
 Voltage (Volts): 120/208/240
 Frequency (Hz): 50/60
 Speed (RPM): 1800
 Phase: 1 and 3

Engine

Manufacturer: Onan
 Model: DN4M
 Type: Cycle
 Cylinders: 4
 Displacement: 114 in³ (1.9L)

Fuel

Fuel Capacity (Gal): 9
 Fuel Consumption (GPH): 0.99
 Fuel Requirement: Diesel/JP-8

Dimensions

Length (in): 62
 Width (in): 32
 Height (in): 37
 Weight (lbs):
 Dry: 1140
 Wet (coolant & POLs): 1242
 Volume (ft³): 41

Aural Signature

Audio Rating: 70dBA @ 7 meters

Replaced Items

MEP-003A.

Transportability

All variants of the USMC M116 trailer and the LTT-MCC trailer.

GENERATOR SET, DIESEL ENGINE, 10kW, 400Hz



TAMCN: B0921

ID: 09248A

NSN: 6115-01-274-7392

Functional Description

The 10kW TQG Generator Set, 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, 24VDC starting system, control system, and fault system. The generator set is designed to be used with any equipment requiring a small source of AC power and operates in a "Hot and Basic" climatic condition range of -25°F to +120°F. This generator set is mobile and requires forklift support.

Technical Description

Generator Set

Manufacturer: Fermont
 Model: MEP-813A
 Voltage (Volts): 120/208/240
 Frequency (Hz): 400
 Speed (RPM): 2000
 Phase: 1 and 3

Engine

Manufacturer: Onan
 Model: DN4M
 Type: 4 Cycle
 Cylinders: 4
 Displacement: 114 in³ (1.9L)

Fuel

Fuel Capacity (Gal): 9
 Fuel Consumption (GPH): 1.07
 Fuel Requirement: Diesel/JP-8

Dimensions

Length (in): 62
 Width (in): 32
 Height (in): 37
 Weight (lbs):
 Dry: 1170
 Wet (coolant & POLs): 1272
 Volume (ft³): 41

Aural Signature

Audio Rating: 70dBA @ 7 meters

Replaced Items

MEP-112A.

Transportability

All variants of the USMC M116 trailer and the LTT-MCC trailer.