

GENERATOR SET, DIESEL ENGINE, 60kW, 400Hz



TAMCN: B1016

ID: 09245A

NSN: 6115-01-274-7395

Functional Description

The 60kW TQG Generator Set, MEP-816A, 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, 24VDC starting system, control system, and fault system. The generator set is designed to be used with any piece of equipment requiring a medium 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: Libby / Fermont
 Model: MEP-816A
 Voltage (Volts): 120/208/240/416
 Frequency (Hz): 400
 Speed (RPM): 2000
 Phase: 3

Engine

Manufacturer: John Deere
 Model: 6059T
 Type: 4 Cycle
 Cylinders: 6
 Displacement: 359 in³ (5.9L)

Fuel

Fuel Capacity (Gal): 43
 Fuel Consumption (GPH): 5.37
 Fuel Requirement: Diesel/JP-8

Dimensions

Length (in): 87
 Width (in): 35.7
 Height (in): 59
 Weight (lbs):
 Dry: 3606
 Wet (coolant & POLs): 4042
 Volume (ft³): 103

Aural Signature

Audio Rating: 72dBA @ 7 meters

Replaced Items MEP-115.

Transportability All variants of the USMC M353 trailer.

NOTES: Libby Models serial numbers start with "RZH" & Fermont Models start with "FZ"

GENERATOR SET, DIESEL ENGINE, 60kW, 400Hz



TAMCN: B1016

ID: 09245B

NSN: 6115-01-462-0292

Functional Description

The 60kW TQG Generator Set, 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 includes a diesel engine, brushless generator, cooling system, excitation system, governing system, fuel system, 24VDC starting system, DCS, and fault system. The generator set is designed to be used with any piece of equipment requiring a medium 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:	MCII
Model:	MEP-816B
Voltage (Volts):	120/208/240/416
Frequency (Hz):	400
Speed (RPM):	2000
Phase:	3

Engine

Manufacturer:	John Deere
Model:	6068TF151
Type:	4 Cycle
Cylinders:	6
Displacement:	359 in ³ (5.9L)

Fuel

Fuel Capacity (Gal):	43
Fuel Consumption (GPH):	5.37
Fuel Requirement:	Diesel/JP-8

Dimensions

Length (in):	87
Width (in):	35.7
Height (in):	59
Weight (lbs):	
Dry:	3603
Wet (coolant & POLs):	4042
Volume (ft ³):	103

Aural Signature

Audio Rating:	72dBA @ 7 meters
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Replaced Items

MEP-115A, MEP-816A.

Transportability

All variants of the USMC M353 trailer.

GENERATOR SET, DIESEL ENGINE, 60kW, 60Hz



TAMCN: B1021

ID: 09244A

NSN: 6115-01-274-7390

Functional Description

The 60kW TQG Generator Set, MEP-806A, 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, 24VDC starting system, control system, and fault system. The generator set is designed to be used with any piece of equipment requiring a medium 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: Libby / Fermont
 Model: MEP-806A
 Voltage (Volts): 120/208/240/416
 Frequency (Hz): 50/60
 Speed (RPM): 1800
 Phase: 3

Engine

Manufacturer: John Deere
 Model: 6059T
 Type: 4 Cycle
 Cylinders: 6
 Displacement: 359 in³ (5.9L)

Fuel

Fuel Capacity (Gal): 43
 Fuel Consumption (GPH): 5.06
 Fuel Requirement: Diesel/JP-8

Dimensions

Length (in): 87
 Width (in): 35.7
 Height (in): 59
 Weight (lbs):
 Dry: 3556
 Wet (coolant & POLs): 3992
 Volume (ft³): 103

Aural Signature

Audio Rating: 70dBA @ 7 meters

Replaced Items MEP-006A.

Transportability All variants of the USMC M353 trailer.

NOTES: Libby Models serial numbers start with "RZH" & Fermont Models start with "FZ"

GENERATOR SET, DIESEL ENGINE, 60kW, 60Hz



TAMCN: B1021

ID: 09244B

NSN: 6115-01-462-0291

Functional Description

The 60kW TQG Generator Set, MEP-806B, 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 includes a diesel engine, brushless generator, cooling system, excitation system, governing system, fuel system, 24 VDC starting system, DCS, and fault system. The generator set is designed to be used with any piece of equipment requiring a medium 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: MCII
 Model: MEP-806B
 Voltage (Volts): 120/208/240/416
 Frequency (Hz): 50/60
 Speed (RPM): 1800
 Phase: 3

Engine

Manufacturer: John Deere
 Model: 6068TF151
 Type: 4 Cycle
 Cylinders: 6
 Displacement: 359 in³ (5.9L)

Fuel

Fuel Capacity (Gal): 43
 Fuel Consumption (GPH): 5.06
 Fuel Requirement: Diesel/JP-8

Dimensions

Length (in): 87
 Width (in): 35.7
 Height (in): 59
 Weight (lbs):
 Dry: 3556
 Wet (coolant & POLs): 3992
 Volume (ft³): 106

Aural Signature

Audio Rating: 70dBA @ 7 meters

Replaced Items

MEP-006A, MEP-806A.

Transportability

All variants of the USMC M353 trailer.