

CHAPTER 5

LIGHTING AND DISTRIBUTION EQUIPMENT

EQUIPMENT DESCRIPTION SHEETS

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**MEPDIS-REPLACEMENT, POWER DISTRIBUTION BOX,
INDOOR MODEL, 5kW, GFCI PROTECTED**



TAMCN: B0027

ID: 11185A

NSN: 6110-01-532-1794

Functional Description

The 5kW GFCI protected, Indoor Model Power Distribution Box (PDB) is a component of the Mobile Electric Power Distribution-Replacement (MEPDIS-R) system. MEPDIS-R is designed to provide electrical power distribution in a field environment. The MEPDIS-R system provides a flexible, modular, recoverable, safe power distribution capability that can be quickly emplaced and recovered for later reuse. The 5kW Indoor PDB provides 18 GFCI-protected single-phase 15A receptacles to power tent lighting or other equipment. It is designed to be deployed in a tent or sheltered environment.

Technical Description

<u>Panel</u>		<u>Dimensions</u>	
Manufacturer:	LEX Products	Length (in):	19
Model:	DB-30NA-AQQ-S3	Width (in):	18
Voltage (Volts):	120/208	Height (in):	14
Frequency (Hz):	60	Weight (lbs):	44
Phase:	1 and 3	Volume (ft ³):	2.77

Technical Data

Input:	5-Wire, 3-Phase, 30 Amp. Lamps on each phase. IEC 309 Pin & Sleeve Commercial Male Connector.
Output:	9 Each: 3-Wire, 1-Phase, 120VAC, GFCI Covered Duplex Receptacles. All circuit breaker protected.
Cords:	6 Cord Sets, 50 ft ea, 5-20 Plug to 5-15R Receptacles (4 per cord).

Replaced Item Field Wiring Harness (B0608) when used with new tent lights.

Transportability Two Handle, Portable.

MEPDIS-REPLACEMENT, POWER DISTRIBUTION BOX, OUTDOOR MODEL, 5kW NON-GFCI PROTECTED



TAMCN: B0028

ID: 11186A

NSN: 6110-01-532-1821

Functional Description

The 5kW Non-GFCI protected, Outdoor Model Power Distribution Box (PDB) is a component of the Mobile Electric Power Distribution-Replacement (MEPDIS-R) system. MEPDIS-R is designed to provide electrical power distribution in a field environment. The MEPDIS-R system provides a flexible, modular, recoverable, safe power distribution capability that can be quickly emplaced and recovered for later reuse. The 5kW Outdoor PDB provides (6) 20A and (3) 30A single phase pin and sleeve connectors for its associated output cord sets. The output cords each provide (4) 15A receptacles to power tent lighting, conveniences, or other equipment.

Technical Description

<u>Panel</u>		<u>Dimensions</u>	
Manufacturer:	LEX Products	Length (in):	19
Model:	DB-30NA-A22-S3	Width (in):	18
Voltage (Volts):	120/208	Height (in):	14
Frequency (Hz):	60	Weight (lbs):	48
Phase:	1 and 3	Volume (ft ³):	2.77

Technical Data

Input:	5-Wire, 3-Phase, 30 Amp. Lamps on each phase. IEC 309 Pin & Sleeve Commercial Male Connector.
Output:	6 Each: 3-Wire, 1-Phase, 20 Amp IEC 309 Pin & Sleeve receptacle. 3 Each: 3-Wire, 1-Phase, 30 Amp IEC 309 Pin & Sleeve receptacle. All circuit breaker protected.
Cords:	6 Cord sets, 50 ft ea, 20 Amp Plug, each with (4) 5-15R Receptacles. 3 Cord sets, "Y" configuration, 50 ft ea, 20 Amp Plug with (2) 25 ft legs, each with (2) 5-15R Receptacles. Each cord set length is 75 ft overall.

Replaced Item Field Wiring Harness (B0608) when used with new tent lights.

Transportability Two Handle, Portable.

**MEPDIS-REPLACEMENT, POWER DISTRIBUTION BOX,
15kW**



TAMCN: B0029

ID: 11183A

NSN: 6110-01-532-1764

Functional Description

The 15kW Power Distribution Box (PDB) is a component of the Mobile Electric Power Distribution- Replacement (MEPDIS-R) system. MEPDIS-R is designed to provide electrical power distribution in a field environment. The MEPDIS-R system provides a flexible, modular, recoverable, safe power distribution capability that can be quickly emplaced and recovered for later reuse. The 15kW PDB has two 60A input connectors to permit load paralleling and load transfer. The 15kW PDB provides (4) 30A 3-phase, (3) 20A single-phase output connectors, and a covered duplex receptacle.

Technical Description

<u>Panel</u>		<u>Dimensions</u>	
Manufacturer:	LEX Products	Length (in):	26
Model:	DB-60MA-F22QS3	Width (in):	23
Voltage (Volts):	120/208	Height (in):	17
Frequency (Hz):	60	Weight (lbs):	83
Phase:	1 and 3	Volume (ft ³):	5.8

Technical Data

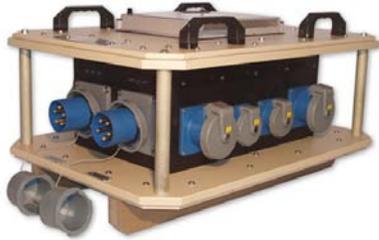
Input: 2 Each: 5-Wire, 3-Phase 60 Amp. Lamps on each phase. IEC 309 Pin & Sleeve Commercial Male Connector. Both inputs are circuit breaker protected.

Outputs: 4 Each: 5-Wire, 3-Phase, 30 Amp IEC 309 Pin & Sleeve receptacle. 4 Each: 3-Wire, 1-Phase, 20 Amp IEC 309 Pin & Sleeve receptacle. 1 GFCI Covered Duplex Receptacle, 120VAC, 1-Phase. All circuit breaker protected.

Replaced Item 15kW MEPDIS (B0595).

Transportability Two Handle, Portable.

MEPDIS-REPLACEMENT, POWER DISTRIBUTION BOX, 30kW



TAMCN: B0030

ID: 11184A

NSN: 6110-01-532-1809

Functional Description

The 30kW Power Distribution Box (PDB) is a component of the Mobile Electric Power Distribution-Replacement (MEPDIS-R) system. MEPDIS-R is designed to provide electrical power distribution in a field environment. The MEPDIS-R system provides a flexible, modular, recoverable, safe power distribution capability that can be quickly emplaced and recovered for later reuse. The 30kW PDB has two 100A input connectors to permit load paralleling and load transfer. The PDB provides multiple output connectors to allow the connection of other PDBs to create a Power Distribution System.

Technical Description

Panel

Manufacturer: LEX Products
 Model: DB100MA-P22QS3
 Voltage (Volts): 120/208
 Frequency (Hz): 60
 Phase: 1 and 3

Dimensions

Length (in): 36
 Width (in): 26
 Height (in): 19
 Weight (lbs): 174
 Volume (ft³): 10.29

Technical Data

Input: 2 Each: 5-Wire, 3-Phase 100 Amp. Lamps on each phase.
 IEC 309 Pin & Sleeve Commercial Male Connector.
 Both inputs are circuit breaker protected.

Outputs: 4 Each: 5-Wire, 3-Phase, 60 Amp IEC 309 Pin & Sleeve receptacle.
 2 Each: 5-Wire, 3-Phase, 30 Amp IEC 309 Pin & Sleeve receptacle.
 2 Each: 5-Wire, 3-Phase, 20 Amp IEC 309 Pin & Sleeve receptacle.
 2 Each: 3-Wire, 1-Phase, 20 Amp IEC 309 Pin & Sleeve receptacle.
 1 GFCI Covered Duplex Receptacle, 120VAC, 1-Phase.
 All circuit breaker protected.

Replaced Item 30kW MEPDIS (B0600).

Transportability Four Handle, Four Person Portable.

ENVIRONMENTAL CONTROL UNIT POWER DISTRIBUTION BOX (ECU PDB)																									
	TAMCN: N/A																								
	ID: N/A																								
	NSN: 6110-01-586-2426																								
Functional Description																									
<p>The 30kW Environmental Control Unit Power Distribution Box (ECU PDB) is a component of the Mobile Electric Power Distribution-Replacement (MEPDIS-R) system. The 30kW ECU PDB is an “As Required” component for the 100kW and 300kW PDB. MEPDIS-R is designed to provide electrical power distribution in a field environment. The MEPDIS-R system provides a flexible, modular, recoverable, safe power distribution capability that can be quickly emplaced and recovered for later reuse. The 30kW ECU PDB has one 100 AMP input connector. The PDB provides multiple output connectors to allow connections to the B0014 (36,000 BTU/hr ECU).</p>																									
Technical Description																									
<table border="0"> <thead> <tr> <th colspan="2"><u>Panel</u></th> <th colspan="2"><u>Dimensions</u></th> </tr> </thead> <tbody> <tr> <td>Manufacturer:</td> <td>LEX Products</td> <td>Length (in):</td> <td>36</td> </tr> <tr> <td>Model:</td> <td>DB100MA-P1021Q-01S3</td> <td>Width (in):</td> <td>26</td> </tr> <tr> <td>Voltage (Volts):</td> <td>120/208</td> <td>Height (in):</td> <td>19</td> </tr> <tr> <td>Frequency (Hz):</td> <td>60</td> <td>Weight (lbs):</td> <td>174</td> </tr> <tr> <td>Phase:</td> <td>1 and 3</td> <td>Volume (ft³):</td> <td>10.29</td> </tr> </tbody> </table>	<u>Panel</u>		<u>Dimensions</u>		Manufacturer:	LEX Products	Length (in):	36	Model:	DB100MA-P1021Q-01S3	Width (in):	26	Voltage (Volts):	120/208	Height (in):	19	Frequency (Hz):	60	Weight (lbs):	174	Phase:	1 and 3	Volume (ft ³):	10.29	
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Frequency (Hz):	60	Weight (lbs):	174																						
Phase:	1 and 3	Volume (ft ³):	10.29																						
Technical Data																									
<p>Input: 1 Each: 5-Wire, 3-Phase 100 Amp. Lamps on each phase. IEC 309 Pin & Sleeve Commercial Male Connector. Circuit Breaker Protected.</p> <p>Outputs: 6 Each: 5-Wire, 3-Phase, 30 Amp IEC 309 Pin & Sleeve receptacle. 4 Each: 5-Wire, 3-Phase, 60 Amp IEC 309 Pin & Sleeve receptacle. (Breakered at 40 Amps) 1 GFCI Covered Duplex Receptacle, 120VAC, 1-Phase. All Circuit Breaker Protected.</p>																									
Replaced Item	N/A																								
Transportability	Four Handle, Four Person Portable.																								
NOTE																									

MEPDIS-REPLACEMENT, POWER DISTRIBUTION BOX, 100kW																									
	TAMCN: B0031																								
	ID: 11182A																								
	NSN: 6110-01-532-1835																								
Functional Description																									
<p>The 100kW Power Distribution Box (PDB) is a component of the Mobile Electric Power Distribution-Replacement (MEPDIS-R) system. MEPDIS-R is designed to provide electrical power distribution in a field environment. The MEPDIS-R system provides a flexible, modular, recoverable, safe power distribution capability that can be quickly emplaced and recovered for later reuse. The 100kW PDB has two sets of cam-type 5-wire inputs to permit load paralleling and load transfer. The PDB provides multiple output connectors to allow the connection of other PDBs to create a Power Distribution System.</p>																									
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Model:	DB350MA-P2WAS3	Width (in):	26																						
Voltage (Volts):	120/208	Height (in):	32																						
Frequency (Hz):	60	Weight (lbs):	306																						
Phase:	1 and 3	Volume (ft ³):	17.33																						
Technical Data																									
<p>Input: 2 Each: Cam Type 16, 5-Wire, 400 Amp. Lamps on each phase. Both Switched.</p> <p>Outputs: 1 Each: Cam Type 16, 5-Wire, 200 Amp. 4 Each: 5-Wire, 3-Phase, 100 Amp IEC 309 Pin & Sleeve receptacle. 2 Each: 5-Wire, 3-Phase, 60 Amp IEC 309 Pin & Sleeve receptacle. 2 Each: 5-Wire, 3-Phase, 30 Amp IEC 309 Pin & Sleeve receptacle. 2 Each: 5-Wire, 3-Phase, 20 Amp IEC 309 Pin & Sleeve receptacle. 2 Each: 3-Wire, 1-Phase, 20 Amp IEC 309 Pin & Sleeve receptacle. 1 GFCI Covered Duplex Receptacle, 120VAC, 1-Phase. All circuit breaker protected.</p> <p>Replaced Item 100kW MEPDIS (B0605).</p> <p>Transportability Four Handle, Four Person Portable. Forklift Portable.</p>																									

**MEPDIS-REPLACEMENT, POWER DISTRIBUTION BOX,
300kW**



TAMCN: B0032

ID: 11187A

NSN: 6110-01-532-1776

Functional Description

The 300kW Power Distribution Box (PDB) is a component of the Mobile Electric Power Distribution- Replacement (MEPDIS-R) system. MEPDIS-R is designed to provide electrical power distribution in a field environment. The MEPDIS-R system provides a flexible, modular, recoverable, safe power distribution capability that can be quickly emplaced and recovered for later reuse. The 300kW PDB has three sets of cam-type 5-wire inputs to permit load paralleling and load transfer. The PDB provides multiple output connectors to allow the connection of other PDBs to create a Power Distribution System.

Technical Description

<u>Panel</u>		<u>Dimensions</u>	
Manufacturer:	LEX Products	Length (in):	36
Model:	DB350MA-P2WQS3	Width (in):	26
Voltage (Volts):	120/208	Height (in):	32
Frequency (Hz):	60	Weight (lbs):	320
Phase:	1 and 3	Volume (ft ³):	17.33

Technical Data

Input: 3 Each: Cam Type 16, 5-Wire, 400 amp. Lamps on each phase. Both switched.

Outputs: 2 Each: 208Y/120 volt, 3 phase, 400 amp, Cam Type 16
 2 Each: 208Y/120 volt, 3 phase, 100 amp, IEC 309
 1 Each: GFCI Covered Duplex Receptacle, 120VAC, 1-Phase.
 All circuit breaker protected.

Replaced Item Field Food Service System Bus Duct (FFSSBD) when unserviceable.

Transportability Four Handle, Four Person Portable. Forklift Portable.

MOBILE ELECTRIC POWER DISTRIBUTION, 15kW PANEL	
	TAMCN: B0595
	ID: 09127A
	NSN: 6110-01-273-2387
Functional Description	
<p>The 15 kW Power Distribution System is a skid-mounted unit used in combination to provide electrical power to a network of multiple 120/208-Volt, 1-Phase loads and 120-Volt, 1-Phase loads from a remote generator or facility power. Circuit breakers are accessed through a hinged cabinet cover and input/output receptacles are covered. Cables interconnect the individual power distribution panel board assemblies. All assemblies consist of a box and frame assembly and a cover assembly. It is equipped with a circuit board assembly, indicator lights, and input/output receptacles. It includes one input and two output cables.</p>	
Technical Description	
<u>Panel</u>	<u>Dimensions</u>
Manufacturer: UNICOR	Length (in): 18
Model: PD015	Width (in): 24
Voltage (Volts): 120/208	Height (in): 16
Frequency (Hz): 60	Weight (lbs): 56
Phase: 1 and 3	Volume (ft ³): 4.0
Technical Data	
Input:	5-Wire, 3-Phase, 60 Amp Main Breaker.
Output:	2 Each: 3-Phase, 20 Amp, 208/120VAC. 9 Each: 1-Phase, 20 Amp, 120VAC.
Cords:	1 Each: Input / 2 Each: Output.
<u>Replaced Item</u>	No USMC items replaced.
<u>Transportability</u>	Two Handle, Portable.

MOBILE ELECTRIC POWER DISTRIBUTION, 30kW PANEL



TAMCN: B0600

ID: 09125A

NSN: 6110-01-272-6953

Functional Description

The 30kW Power Distribution System is a skid-mounted unit used in combination to provide electrical power to a network of multiple 120/208-Volt, 1-Phase loads and 120-Volt, 1-Phase loads from a remote generator or facility power. Circuit breakers are accessed through a hinged Cabinet cover and input/output receptacles are covered. Cables interconnect the individual power distribution panel board assemblies. All assemblies consist of a box, a frame assembly, and a cover assembly. It is equipped with a circuit breaker, rear access door assemblies, and front and rear receptacles. This set includes one input and nine output cables, and an eyebolt for lifting.

Technical Description

<u>Panel</u>		<u>Dimensions</u>	
Manufacturer:	UNICOR	Length (in):	32
Model:	PD030	Width (in):	38
Voltage (Volts):	120/208	Height (in):	35
Frequency (Hz):	60	Weight (lbs):	161
Phase:	1	Volume (ft ³):	24.63

Technical Data

Input:	5-Wire, 3-Phase, 100 Amp Main Breaker.
Output:	4 Each: 3-Phase, 60 Amp, 208/120VAC. 2 Each: 3-Phase, 30 Amp, 208/120VAC. 2 Each: 3-Phase, 20 Amp, 208/120VAC. 2 Each: 1-Phase, 20 Amp, 208/120VAC.
Cords:	1 Each: Input / 9 Each: Output.

Replaced Item No USMC items replaced.

Transportability Two Handle, Portable.

MOBILE ELECTRIC POWER DISTRIBUTION, 100kW PANEL																									
	TAMCN: B0605																								
	ID: 09124A																								
	NSN: 6110-01-272-6952																								
Functional Description																									
<p>The 100kW Power Distribution System is a skid-mounted unit used in combination to provide electric power to a network of multiple 120/208-Volt, 1-Phase loads and 120-Volt, 1-Phase loads from a remote generator or facility power. Circuit breakers are accessed through a hinged cabinet cover and input/output receptacles are covered. Cables interconnect the individual power distribution panel board assemblies. All assemblies consist of a box, a frame assembly, and a cover assembly. It is equipped with rear access door assemblies, and front and rear panel receptacles. This set includes five input and 17 output cables, and an eyebolt for lifting.</p>																									
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<u>Panel</u>		<u>Dimensions</u>																							
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Phase:	1	Volume (ft ³):	36.94																						
Technical Data																									
Input:	5-Wire, 3-Phase, 350 Amp Main Breaker.																								
Output:	4 Each: 3-Phase, 100 Amp, 208/120VAC. 2 Each: 3-Phase, 60 Amp, 208/120VAC. 2 Each: 3-Phase, 30 Amp, 208/120VAC. 2 Each: 3-Phase, 20 Amp, 208/120VAC.																								
Cords:	5 Each: Input / 17 Each: Output.																								
<u>Replaced Item</u>	No USMC items replaced.																								
<u>Transportability</u>	Forklift Portable.																								

FIELD WIRING HARNESS MLK-0000



TAMCN: B0608

ID: 09049A

NSN: 6150-01-254-1666

Functional Description

The Field Wiring Harness MLK-0000 provides electrical power distribution and illumination through receptacle circuits/power outlets for various field unit complexes. The unit is portable and suitable for the use in indoor/outdoor environments. Standard electrical requirements for the Field Wiring Harness are the electrical power distribution panels. The cable assemblies are grouped into separate duffel bags and labeled as follows, "GP" Tent 10 duffel bags, "CP" Tent 2 duffel bags and "Maintenance Tent" 1 duffel bag.

Technical Description

Unit

Manufacturer: UNICOR
 Model: MLK-0000

Dimensions

CP Tent Bag
 Length (in): 36
 Width (in): 12
 Height (in): 12
 Weight (lbs): 41
 Volume (ft³): 3

Cable Data

Item#	Part#	NSN		
2	MLK-1001	6150-01-283-7872	GP Tent Bag	
3	MLK-1008	6150-01-283-7874	Length (in):	36
4	MLK-1002	6150-01-287-3881	Width (in):	12
5	MLK-1003	6150-01-293-7873	Height (in):	12
6	MLK-1004	6150-01-290-1735	Weight (lbs):	45
7	MLK-1007	6150-01-283-8769	Volume (ft ³):	3
8	MLK-1010	6150-01-283-8735		
9	MLK-1009	6150-01-283-8741	MT Tent Bag	
10	MLK-1005	6150-01-283-7901	Length (in):	36
11	MLK-1006	6150-01-283-8734	Width (in):	12
			Height (in):	12
			Weight (lbs):	80
			Volume (ft ³):	3

Replaced Item No USMC items replaced.

Transportability Transported with supported shelter.

NOTE: Refer to SL-3 09049A for new Cable Data / Item description as listed above.

FLOODLIGHT SET (FLS)	
	TAMCN: B0640
	ID: 11120A
	NSN: 6230-01-530-8890
Functional Description	
<p>The Floodlight Set (FLS) is a self-contained system with a power plant capable of providing up to five acres of 360 degree general illumination and security use. It can also provide accessory power with at least 12 hours of continuous operation. It has a primary tower with three mast-mounted lights and tripod-mounted ground lights that are capable of continuous field deployment in a wide variety of environmental extremes and rough terrain. For flexibility, the FLS is configured so it can be mounted on the USMC M116A3 and LTT-MCC, M1102 trailers.</p>	
Technical Description	
<p>Set Manufacturer: Magnum LLC Model: MLT5060MIT Voltage (Volts): 120/240 Frequency (Hz): 60 Speed (RPM): 1800 Phase: 1</p>	<p>Fuel Fuel Capacity (Gal): 6.5 (24.61 liters) Fuel Consumption (GPH): 0.5 Fuel Requirement: Diesel/JP-8</p>
<p>Engine Manufacturer: Mitsubishi Model: S3L2-W261ML Tier II S3L2-W461ML Tier IV Type: 4 Cycle Cylinders: 3 Displacement: 8.4 in³ (1.318L)</p>	<p>Dimensions Length (in): 79.59 (127.6 stowed) Width (in): 96 with outriggers extended (46 stowed) Height (in): 329.5 (60.4 stowed) Weight (lbs): Dry: 1862 lbs Wet: 1920 lbs Volume (ft³): 205.14 (Mast in stowed position)</p>
	<p>Aural Signature Audio Rating: 85dBA @ 4 Feet</p>
Replaced Item	SM-4A3-0 (B0635).
Transportability	USMC M116A3 and LTT-MCC, M1102 trailers.

POWER DISTRIBUTION SYSTEM, FFSS BUS DUCT																									
	TAMCN: C0200																								
	ID: 11060A																								
	NSN: 6110-01-522-3067																								
Functional Description																									
<p>The Field Food Service System Bus Duct (FFSSBD) will allow for multiple configurations; two 60kW, three 60kW, one 100kW, or two 100kW, 120/208, 3-phase, 60Hz generators, to power the Marine Rapid Deployment Kitchen (MRDK), Field Sanitation Unit (FSU), and Refrigerator Box (REEFER). Each FFSSBD is completely self-contained in a weather resistant enclosure and is capable of distributing power from generators configured for 120/208VAC. The FFSSBD is configured so that loads and/or generators may be safely added and removed without disrupting power. The FFSSBD does not automatically synchronize generator inputs. Synchronization must be accomplished by the generator sets.</p>																									
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<table border="0" style="width: 100%;"> <tr> <td colspan="2"><u>Panel</u></td> <td colspan="2"><u>Dimensions</u></td> </tr> <tr> <td>Manufacturer:</td> <td>EPE Company</td> <td>Length (in):</td> <td>44</td> </tr> <tr> <td>Model:</td> <td>03-1172A</td> <td>Width (in):</td> <td>35</td> </tr> <tr> <td>Voltage (Volts):</td> <td>120/208</td> <td>Height (in):</td> <td>32</td> </tr> <tr> <td>Frequency (Hz):</td> <td>60</td> <td>Weight (lbs):</td> <td>243</td> </tr> <tr> <td>Phase:</td> <td>3</td> <td>Volume (ft³):</td> <td>28.5</td> </tr> </table> <p><u>Circuit Breakers</u> MRDK: 600AF, 600A FSU: 400AF, 250A AUX 60kW: 400AF, 250A</p> <p><u>Connectors</u> Cam-Loc, 5 wire (GWBRB), Male, 3 sets on input. Cam-Loc, 5 wire (GWBRB), Female, 3 sets on output.</p> <p><u>Replaced Item</u> No USMC items replaced.</p> <p><u>Transportability</u> Forklift Portable.</p>		<u>Panel</u>		<u>Dimensions</u>		Manufacturer:	EPE Company	Length (in):	44	Model:	03-1172A	Width (in):	35	Voltage (Volts):	120/208	Height (in):	32	Frequency (Hz):	60	Weight (lbs):	243	Phase:	3	Volume (ft ³):	28.5
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Model:	03-1172A	Width (in):	35																						
Voltage (Volts):	120/208	Height (in):	32																						
Frequency (Hz):	60	Weight (lbs):	243																						
Phase:	3	Volume (ft ³):	28.5																						

SYNCHRONIZER BOX, GENERATOR, 20kW, 60Hz	
	TAMCN: N/A
	ID: 8J908B
	NSN: 6110-01-559-0584
Functional Description	
<p>The synchronizer box, Model MSB25, is a stand-alone assembly designed to allow synchronous power transfer between two MMG25 generators, or between a single MMG25 generator and utility power, without disrupting and loads connected to the generator. This will allow the removal of the primary generator from the grid for service or extended maintenance. The MSB25 is capable of handling current up to 100 amperes of 120/208VAC, 60 Hz, 3-phase power. It has two 5-wire grounded input connections and a single 5-wire grounded output connection. This is a special usage item managed by the Project Officer for Mobile Electric Power at PM EPS MARCORSYSCOM. Units desiring to use this item should contact PM EPS, MARCORSYSCOM.</p>	
Technical Description	
<p><u>Set</u></p> <p>Manufacturer: Magnum Model: MSB25 Voltage (Volts): 120/208 Frequency (Hz): 60 Phase: 3</p>	<p><u>Dimensions</u></p> <p>Length (in): 25.5 Width (in): 27.5 Height (in): 9.2 Weight (lbs): 80 Volume (ft³): 3.73</p>
<p><u>Construction</u></p> <p>Welded steel enclosure</p>	<p><u>Aural Signature</u></p> <p>Audio Rating: N/A</p>
<u>Replaced Items</u>	No USMC items replaced.
<u>Transportability</u>	Two-man portable - requires no special support or trailer equipment.