

**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.