

DISTRIBUTION SYSTEM, MOBILE ELECT PWR, 300KW

TAMCN: B00327B

I.D: 11187A

NSN: 6110-01-532-1776



Functional Description

The 300kW Power Distribution System (PDS) is a component of the MEPDIS-R. The 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 PDS has three 5-wire inputs to permit load paralleling and load transfer. The PDS provides multiple output receptacles to allow the connection of other PDB to create a PDS.

Technical Description

Information

Manufacturer: LEX Products

Model: DB350MA-P2WQS3

Power

Input

AC: (3) 120/208, 60Hz, 400 Amp

Phase: 3-Phase

Wire: 5-Wire

Output

AC: (2) 120/208, 60Hz, 400 Amp

(2) 120/208, 60Hz, 100 Amp

Phase: 3-Phase

Wire: 5-Wire

Replaced TAMCN: TAMCN C02002B, Panel, Power Bus, Circuit Breaker.

Transportability: Treat as cargo.

Output (cont'd)

AC Duplex: (1) 120/208, 60Hz, 20 Amp

Phase: Single-Phase

Wire: 3-Wire

Output Protection: Circuit breaker protected

Shipping Dimensions

Length (in): 36.0

Width (in): 26.0

Height (in): 32.0

Weight (lbs): 320.0

Square (ft²)/Cube (ft³): 6.5/17.3

NOTE: The 300kW PDS requires a four person lift.