

DISTRIBUTION SYSTEM, MOBILE ELECT PWR, 100KW

TAMCN: B00317B

I.D: 11182A

NSN: 6110-01-532-1835



Functional Description

The 100kW 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 provides a flexible, modular, recoverable, safe power distribution capability that can be quickly emplaced and recovered for later reuse. The 100kW PDS has two 5-wire inputs to permit load paralleling and load transfer. The PDS provides multiple output receptacles to allow the connection of other PDS to create a PDS.

Technical Description

Information

Manufacturer: LEX Products
 Model: DB350MA-P2WAS3

Power

Input

AC: (2) 120/208, 60Hz, 200 Amp
 Phase: 3-Phase
 Wire: 5-Wire

Output

AC: (1) 120/208, 60Hz, 200 Amp
 (4) 120/208, 60Hz, 100 Amp
 (2) 120/208, 60Hz, 60 Amp
 (2) 120/208, 60Hz, 30 Amp
 (2) 120/208, 60Hz, 20 Amp
 Phase: 3-Phase
 Wire: 5-Wire
 AC: (2) 120/208, 60Hz, 20 Amp
 Phase: Single-Phase
 Wire: 3-Wire

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): 306.0
 Square (ft²)/Cube (ft³): 6.5/17.3

Replaced TAMCN: 100kW MEPDIS (B06057B).

Transportability: Treat as cargo.

NOTE: The 100kW PDS requires a four person lift.

References:

Short Title	PCN	Short Title	PCN
SL-3-6110	123 111820 00	SI 6110-OI/1	164 061100 00
FP 11183A	132 111830 00	TM 12359A-15/1	180 123590 00
MI 11182A/11187A-OI	160 111820 00	TM 6110-OI/1	182 061100 00

Commented [JN1]: FP 11424A, Electro-Optical Maint Shelter is listed for this ID No. Although a component TAMCN to the shelter, the FP for the shelter should not be listed under this ID No.