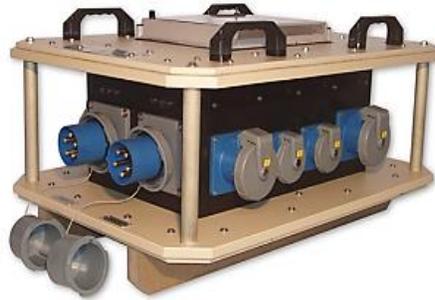


DISTRIBUTION SYSTEM, MOBILE ELECT PWR, 30KW

TAMCN: B00307B

I.D: 11184A

NSN: 6110-01-532-1809



Functional Description

The 30kW Power Distribution System (PDS) is a component of the MEPDIS-R. The MEPDIS-R was designed to provide electrical power distribution in a field environment. The MEPDIS-R provides a flexible, modular, recoverable, safe power distribution capability. The 30kW PDS has two 100 Amp input receptacles to permit load paralleling and load transfer. The PDS provides multiple output connectors to allow the connection of other PDSs to create a PDS.

Technical Description

Information

Manufacturer: LEX Products
 Model: DB100MA-P22QS3

Output (cont'd)

AC Duplex: (1) 120/208, 60Hz, 20 Amp
 Phase: Single-Phase
 Wire: 3-Wire Circuit
Output Protection: Circuit breaker protected

Power

Input

AC: (2) 120/208, 60Hz, 100 Amp
 Phase: 3-Phase
 Wire: 5-Wire Circuit Breaker Protected
Input Protection: Circuit breaker protected

Output

AC: (4) 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

Shipping Dimensions

Length (in): 36.0
 Width (in): 26.0
 Height (in): 19.0
 Weight (lbs): 174.0
 Square (ft²)/Cube (ft³): 6.5/10.39

Replaced TAMCN: B06007B, 30 kW MEPDIS.

Transportability: Treat as cargo.

NOTE: The 30kW PDS requires a four person lift.

