



We Deliver the Power™

PowerTRAN™
Auto Transfer Switch

Portable Automatic Transfer Switch (ATS)

Automatically or manually transfers load between (2) 3-Phase power sources



Catalogue Number:
DB250MCSABT2S3

National Stock Number (NSN):
Pending Notification

Description:

The Lex Automatic Transfer Switch (ATS) restores power automatically by starting a secondary power source and transferring loads when the primary power source fails or is shut down.

Typical Applications:

Critical electrical power applications including Military Communication and Command Centers, Base Camps, Field Hospitals, and Communication Systems where power must be reliably maintained.

Dimensions: 30" x 30" x 25"H

Weight: 185 Lbs

Features & Benefits:

- Capable of both Open Transition, and Closed Transition with no interruption of power.
- Provides automatic closed transfer between good power sources, without loss of power
- Monitors and displays voltage, frequency, and current of both power sources
- Fully-automatic, manual, and remote operation and monitoring monitoring and control from a laptop or PC via Ethernet connection.
- Connectors, Breakers and Displays are equipped with protective covers.
- Non Conductive Rugged Engineered Plastic Polymer enclosure provides durability, weather and impact resistance.

Input:

Accepts two maximum 250 A, 120/208 VAC Inputs

Output:

One 250 A, 120/208 VAC Three Phase Power Output

Switching:

Sources may be any combination of Utility or Generator power.

Open Transition:

Automatic Open Transition Transfer to Secondary Source upon Primary Source Fault or Failure. MEP 805 and 806 generators are supported for Auto-Start function. Auto-Start function requires generator modification.

Passive Closed Transition:

Upon command, ATS provides Passive Closed Transition between two good power sources. Transfer is timed to occur while sources are in phase, eliminating power interruption; synchronization not required.

Control:

Built-in Color LCD display and industrial control panel
Remote monitoring control via built-in Ethernet (TCP/IP) port and Windows application (provided)
Remote monitoring via web browser (software upgrade anticipated fall 2008)

Monitoring:

Voltage and Frequency-- individual measurements for each source, true RMS Output Current

Logging:

Entries include date, time, measurements and summary of Power Loss, Alarm Conditions and Power Transfers.

Accessories:**FS1/0W5W-50 - (NSN 6150-01-539-7472)**

Five Wire 50' 1/0 Type W Cam device Feeder Cable set

CAT5-AMPH-100

100' Ethernet Extension Cable (CAT5 to RJFTV6MG)

SPK12/8-50

50' Generator Autostart Extension Cable (NL8)

NL8MM

Speakon Double Male 8 Pin Barrel connector

Additional:

Additional Generator model support for Auto-Start function available upon request. Other amperage and voltage configurations also available upon request.