



## Portable Power Solutions For:

- Armed Forces
- Government Contractors
- Aerospace
- Homeland Security
- Shipyards



Connectors & Cable Assemblies • Portable Power Distribution • Smart & Hybrid Power Systems



[www.lextm3.com](http://www.lextm3.com)

# Heavy Duty Cylindrical Connectors



LEX TM3 Systems Class L Heavy Duty Connectors are ruggedly constructed and tested to stand up to the rigors of unforgiving environments. This class represents the largest size cylindricals, and offer the performance demanded of both industrial and military applications.

The design features of this connector series provide:

- **GREATEST CAPACITY** – current ranges 40 to 200 amps, conductor sizes 6 to 4/0
- **SAFETY** – complete protection of personnel and equipment if connectors are inadvertently disconnected under load
- **FOOLPROOF MATING** – design incorporates specific voltage, current, frequency, phase and grounding requirements
- **STANDARDIZATION** – Class L insert arrangements specify connector/ cable combinations for maximum reliability
- **SERVICEABLE CONTACTS** – contacts are normally crimped to the cable before connector assembly. No insertion tools required. Bushings are available to adapt smaller diameter wires to larger contacts



Class L Overmolded Cable Extensions

## CABLE ASSEMBLIES

PIN/SLEEVE - FEEDER - QUAD BOXES - SPECIALTY CABLES



## PORTABLE POWER DISTRIBUTION

RUBBER & ALUMINUM ENCLOSURES - TRANSFER SWITCHES



## MOBILE ELECTRIC POWER DISTRIBUTION SYSTEM - REPLACEMENT (MEPDIS-R)

The MEPDIS-R family is designed to receive power from Mobile Electric Power generators, consists of seven power distribution boxes housed in a weather resistant enclosure with main circuit breakers protecting the generator input and branch circuits. The system can be located and operated in field environments, can operate in extreme temperatures, is waterproof, corrosion resistant, safe and reliable. The MEPDIS-R system is designed to conform to the National Electrical Code for outside operation.



# SMART & HYBRID POWER SYSTEMS

Our family of smart power modules function independently or as a system to improve system efficiency and reliability through:

Generator Control - start/stop generators safely as loads change (capable of operating with AMMPS, TQG, and COTS generators)

Load Management - load prioritization, shedding, and phase balancing

System Monitoring - circuit-level power metering, alerts, data logging, & optional remote access

Hybridization - integration of battery storage and other alternative power sources (PV, tactical electric vehicles)



POWER MANAGEMENT MODULE POWER FLOW EXAMPLE

- Power Management Module
- ECU
- Distribution Box (Inside Tent)
- Portable Distribution Box

## ACCESSORIES

PORTABLE WORKLIGHTS - CABLE PROTECTORS - CABLE REELS



LEX TM3 Systems // Smart power, anywhere.™

15751 SW 41 Street  
Davie, FL 33331

Phone: 954-888-1024  
Email: [info@lextm3.com](mailto:info@lextm3.com)  
[www.lextm3.com](http://www.lextm3.com)

CAGE Code: 00Y95, 7GFW9, 6ZKC3  
GSA Contract: GS-07F-0296N  
NAICS Codes: 334419, 335311, 335313, 335314,  
335931, 335999

© 2015 All Rights Reserved. LEX TM3 Systems.