

MicroGrid Kits



MICROGRID SYSTEM

LEX is the only source approved OEM manufacture of the Microgrid Kit. To date several hundred systems have been produced throughout the last 4 years maintaining 100% quality and delivery performance.

Microgrid kits cuts fuel consumption dramatically while also load balancing between generators for optimum efficiency.

The key components of the Microgrid Kit are the Microgrid Feeder Box, Parallel Communication Interconnect Boxes (PCIB) and associated cable assemblies.



EXAMPLE OF A MICROGRID SYSTEM

1



AMMPS Microgrid

Advanced Medium Mobile Power Sources

P/N: 616-5003-0171 is OLIVE DRAB GREEN

P/N: 616-5003-0172 is TAN

2



The PCI Boxes

P/N 616-5007-0172 is TAN

616-5007-0171 is OLIVE DRAB GREEN

NSN: -5940-01-674-4482

3



The Feeder Box

NSN: 6150-01-674-5604
NSN: 6150-01-674-3473

4



Communication Cable Between PCIs

P/N: TM77151-025C-0002
NSN 6150-01-674-5604

5



Communication Cable Between PCI and Feeder Box

P/N TM77151-025C-0001
NSN 6150-01-674-3473

6



CAM Pigtail Set

P/N: TM76200-025-CL5-5001
N/A (No NSN)

7



Cam Cables

NSN:	6150-01-674-5789	6150-01-674-7885
	6150-01-674-5820	6150-01-674-7862
	6150-01-674-5793	6150-01-674-7873
	6150-01-674-5800	6150-01-674-7606
	6150-01-674-5782	6150-01-674-7887

Cam Cables

P/N:	6150-01-674-5789	TM77200-025CLBK-0001
	6150-01-674-5820	TM77200-025CLRD-0001
	6150-01-674-5793	TM77200-025CLBL-0001
	6150-01-674-5800	TM77200-025CLWH-0001
	6150-01-674-5782	TM77200-025CLGN-0001

The Lex Microgrid Kit is designed to automatically start and stop Advanced Medium Mobile Power Sources (AMMPS) generator sets (30kW or 60kW) in pairs of two based on power demand. Connecting (3) Kits together will provide for a Ring Bus Microgrid for up to six generators.

The Microgrid Kit includes all components necessary to build an AMMPS Microgrid except for the AMMPS Generator with Advanced Digital Control System (ADCS). Lex also provides the equipment necessary to connect the downstream loads to the AMMPS Generators providing the source power for the microgrid. Without our piece of the puzzle you cannot take advantage of the benefits provided by the managed power generation of the AMMPS.

STOCK LOCATIONS: DAVIE, FL



For over 30 years Lex Products has provided custom engineered solutions and durable products for the some of the most critical applications where portable power is needed.

Lex specializes in products designed to withstand rough use and harsh environments. This brochure displays a selection of offerings, specific to disaster relief and temporary shelter power applications.