

LYNX POWER 3

SPECIFICATIONS

The Lynx Power 3 (LP3) maintains efficient AC Emergency Power to operate all elevators, providing superior dependability and security to commercial/industrial environments in a small footprint.

POWER RATING

- 5kVA - 80kVA output uses the latest DSP/PWM technology to provide the most advanced performance and reliability features.

INPUT

- 208, 240, 480 VAC input 60Hz

OUTPUT

- 208, 240, 480 is $\geq 92\%$ efficient at 100% linear load

BATTERIES

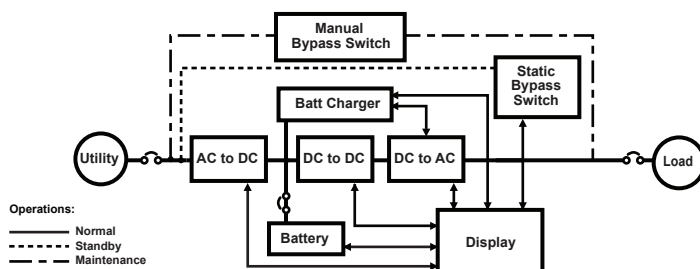
- 10 Minutes Standard (Consult Factory for 90 minutes or greater)
- Sealed, maintenance-free, lead calcium (AGM) batteries
- 10-Year prorated warranty
- DSP/PWM Smart Battery Monitoring System is **TEMPERATURE COMPENSATED** maintaining maximum runtime and battery life
- Microprocessor controlled recharge and DSP/PWM overcharge protection standard

REGEN POWER

• Lynx Power is designed to convert regenerated power from the elevator to recharge the battery during a power outage. Lynx Power operates in stand-by mode when utility power is available allowing the regenerative elevated power to be absorbed into the building emulating normal utility operating conditions.

CODES

- UL 924, UL 1778, meets NFPA 101, NFPA 70, NEC and OSHA standards
- Cities of Chicago, Los Angeles and New York approved
- Complies with the Buy American Act



Catalog Number	
Project	Notes
Signature	Date

5 kVA - 80 kVA

Three Phase

Uninterrupted Emergency Lighting and Power Systems



PROTECTION

- Provides overload, surge and undercurrent protection using DSP/PWM technology and DSPM *Watchdog Software* to protect system performance and reliability
- Surge protection against load surges as defined in ANSI/IEEE C62.45 category A and B

DIAGNOSTICS AND MAINTENANCE

- DSP/PWM technology and DSPM *Watchdog Software* provides complete self diagnostic capabilities and LED Monitoring
- Informative advanced Display and Alarms keep you in control of your emergency lighting environment 24/7
- Automatically performs periodic self-tests ensuring a safely lighted environment *prior* to an emergency
- Single point of testing instead of multiple testing points with battery packs

CABINET

- Modular design enables flexible installation
- Forced air cooling for maximum reliability
- All systems are self contained and require external battery cabinet(s)

INSTALLATION

- Modular design and small footprint allow easy installation in electrical closet or other convenient locations
- Phone assisted factory start-up standard for all systems
- Extended warranty available

SPECIAL APPLICATIONS

- DSPM offers numerous optional devices to meet unusual or difficult application parameters
- ECM - Environmental Circuit Module allows fixtures and lamps on the emergency circuit(s) to be operated by normal switching and/or dimming devices in NON-emergency conditions

WARRANTY

- 1-Year full warranty on system electronics
- Battery warranty 1-year with 9-years pro-rated
- System 1-year on-site warranty labor with DSPM phone assisted start-up
- 5-Year powertrain warranty
- Maintenance contracts available

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Lynx Power 3 Series	Power Rating	UPS			Weight	Battery Type	Voltage (VAC)		Output Protection	Safety Approvals
		Cabinet Dimensions			(combined)		Input	Output		
LP3	KVA	W	H	D	(lbs)	Sealed, Maintenance free (AGM) lead calcium	Input	Output	Input and output circuit breakers standard	UL924 UL1778 NFPA 101 NFPA 70 NEC
	5	26"	44"	26"	400		<u>Select</u>			
	10	26"	44"	26"	500		208 - 208 VAC, 240 - 240 VAC, 480 - 480 VAC			
	15	26"	44"	26"	550		(Consult factory for others)			
	20	26"	44"	26"	600					
	30	26"	44"	26"	650					
	50	26"	44"	26"	700					
	80	26"	44"	26"	750					

The Lynx Power 3 provides the simplicity and reliability that is critical when providing an alternative source of power to any environment. Easy installation ... "simplicity" ... connect the LP3 to the emergency circuit(s) and everything is backed up ... "reliability" ... during a power outage. LP3 will simply continue to operate at **"full elevation operation."** DSPM Watchdog© software keeps your environment safe while self-diagnostics help maintain equipment to a high standard. Superior surge suppression assures the highest quality of power being delivered to all loads all time. Equipment, elevator, and lamp life are maximized.

We sincerely hope you never experience a real emergency, but if you do, you deserve the **security, safety and peace of mind** that the Lynx Power 3 **DSPM** ensures.

ORDERING INFORMATION

Choose the bold face catalog nomenclature that best suites your needs.

Write them on the appropriate line. Order accessories as separate catalog number.

Example:

LP3 - 15 - 208 - 208 10 (minutes of KVA backup. Consult Factory for 90 minutes or greater)

Description of example:

(15KVA, 208 Voltage In, 208 Voltage Out, 10 minutes)

LP3	15	208 - 208		10
FAMILY	POWER RATING	VOLTAGE ¹	OPTIONS	TIME ³
Lynx Power	KVA	Input - Output	OCB - Output circuit breakers / voltage / quantity/amps/pole	Minutes
	5	240 - 240	EPO - Emergency power off	5
	10	208 - 208	RSPP - Remote Indicator Panel	10 (Standard)
	15	480 - 480	SNMP - SNMP Card	15
	20		FC - Form C Contacts	20
	30		SRB - Seismic rated bracket	25
	50		STU3 - Onsite start-up	30
	80		*EMB - External maintenance bypass switch	45
			EW - Extended warranty	60
				90
				120
				180
				240
				300

NOTES:

1-Consult factory for other voltage requirements. Special voltages may effect the weight, size and number of cabinets.

2-One ECM is used per switching device or circuit.

3-Consult factory for other run times.

*EMB cannot be used with OCB.

Specifications subject to change without notice.



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