



POWER LYNX 1

SPECIFICATIONS

- The Power Lynx 1 maintains efficient AC Power eliminating noise, spikes, surges and brownouts. When the utility fails the unit will continue to provide AC voltage without the slightest interruption.

POWER RATING

- 3 kVA - 18 kVA single phase output unit that uses the latest DSP/PWM technology to provide the most advanced performance and reliability features.

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

INPUT

- 120, 208, 240, 277 or 480 VAC

OUTPUT

- 120, 208, 240, 277, 480 or 120/240VAC, $\geq 92\%$ efficient at 100% linear load

BATTERIES

- Sealed, maintenance-free, lead calcium (AGM) batteries.
- 10-Year prorated warranty.
- DSP/PWM Smart Battery Monitoring System is TEMPERATURE COMPENSATED maintaining maximum run-time and battery life.
- Microprocessor controlled recharge and DSP/PWM over-charge protection standard.

CODES

- UL 924 and UL 1778
- Complies with the Buy American Act



3 kVA - 18 kVA

Single Phase

Uninterrupted

Power

Systems

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

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

CABINET

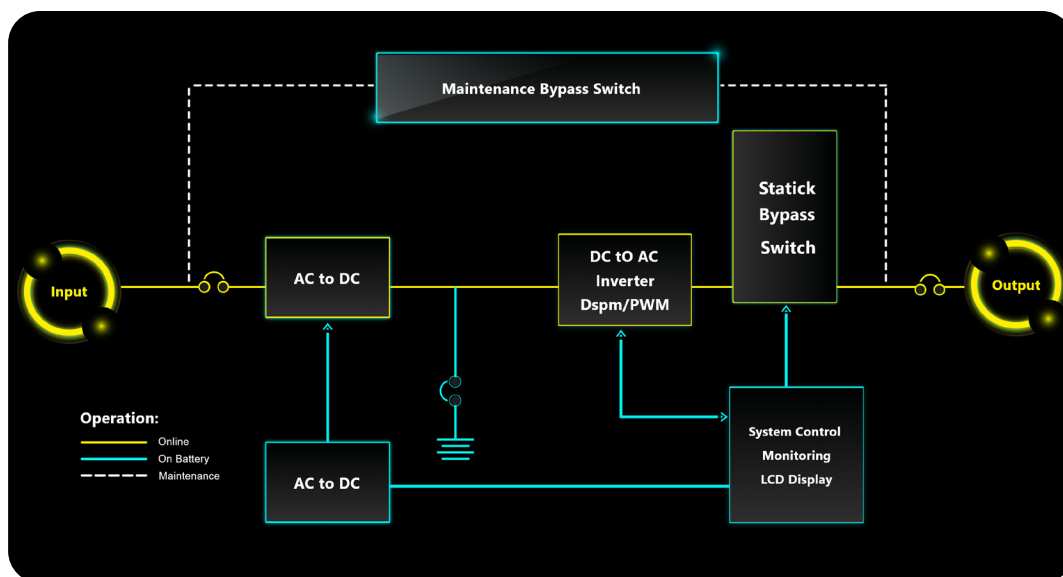
- Modular design enables flexible installation
- Forced air cooling for maximum reliability
- All systems are self contained

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

SPECIAL APPLICATIONS

- DSPM offers numerous UL924 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
- Dimming Panel Interface allows use with emergency lights controlled by common dimmer panel



Power Lynx Series	Power Ratings	Total Watts	UPS			Weight	Battery Type	Voltage (VAC)		Output Protection
			Cabinet Dimentions					Input	Output	
PLX1	kVA/KW	KW	W	H	D	(lbs)	Sealed, Maintenance free (AGM) lead calcium	Select 120, 208, 240, 277, 480, or 120/240 (Consult factory for others)	Input and output circuit breakers standard	
	3	2	26"	44"	26"	40				
	5	3.5	26"	44"	26"	75				
	7.5	5.25	26"	44"	26"	200				
	10	7	42"	48"	22.5"	400				
	12.5	8.75	42"	48"	22.5"	500				
	15	10.5	42"	71"	22.5"	650				
18	12.6	42"	71"	22.5"	850					

The Power Lynx 1 is always on-line eliminating noise, spikes, surges and brownouts. When the utility fails, the PLX1 will continue to provide AC voltage without the slightest interruption. The PLX1 generates an outputsine wave that uses a high frequency PWM. The output Transformer isolates your critical load from any source of noise, so that your equipment is always protected. It's comprehensive monitoring checks each output, and input individually so you always know what is going on with your critical load. Alarm settings are field adjustable via the front panel. A microprocessor will store any alarm so a history is always available.

you deserve the **security, safety and peace of mind** that the Power Lynx from **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:

PLX1 - 7.5 - 208 240- EMB OCB/240/3

Description of example:

(7.5 kVA, 208 Voltage In, 240 Voltage Out, External Maintenance Bypass Switch, 3 Output 240V Circuit Breakers)

PLX1					
FAMILY	POWER RATING	VOLTAGE ¹		OPTIONS	TIME
	<u>kVA</u>	<u>Input - Output</u>	<u>Input - Output</u>	RSSP - Remote Indicator Panel	<u>Minutes</u>
	3	120/120	277/120	SNMP - SNMP Card	5 (Standard)
	5	120/277	277/277	FC - Form C Contacts	10
	7.5	120/480	277/480	OCB - Output Circuit Breaker(s)/voltage/qty	15
	10	120/120-240	277/120-240	SRB - Seismic rated bracket	20
	12.5	120/120-277	277/120-277	EMB - External maintenance bypass switch	25
	15	208/120	480/120	EW - Extended warranty	30
	18	208/277	480/277		45
		208/480	480/480		60
		208/120-240	480/120-240		120
		208/120-277	480/120-277		180
		240/120			
		240/277			
		240/480			
		240/120-240			
		240/120-277			

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.

Specifications subject to change without notice.