

# POWER LYNX 1

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## 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

- 1kVA - 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

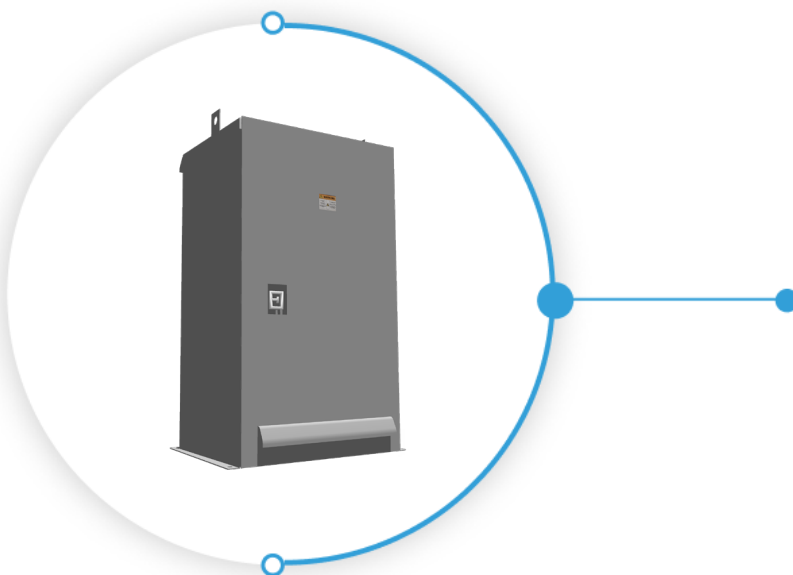
- 120, 208, 240, 277, 480 or 120/240VAC,  $\geq 92\%$  efficient at 100% linear load

## BATTERIES

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

## CODES

- UL 1778
- Complies with the Buy American Act



1 kVA - 18 kVA

Single Phase

Outdoor

Uninterrupted

Power

Systems

## INSTALLATION

- Modular design and small footprint allow easy installation in electrical closet or other convenient locations
- 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

## NEMA 3R CABINET

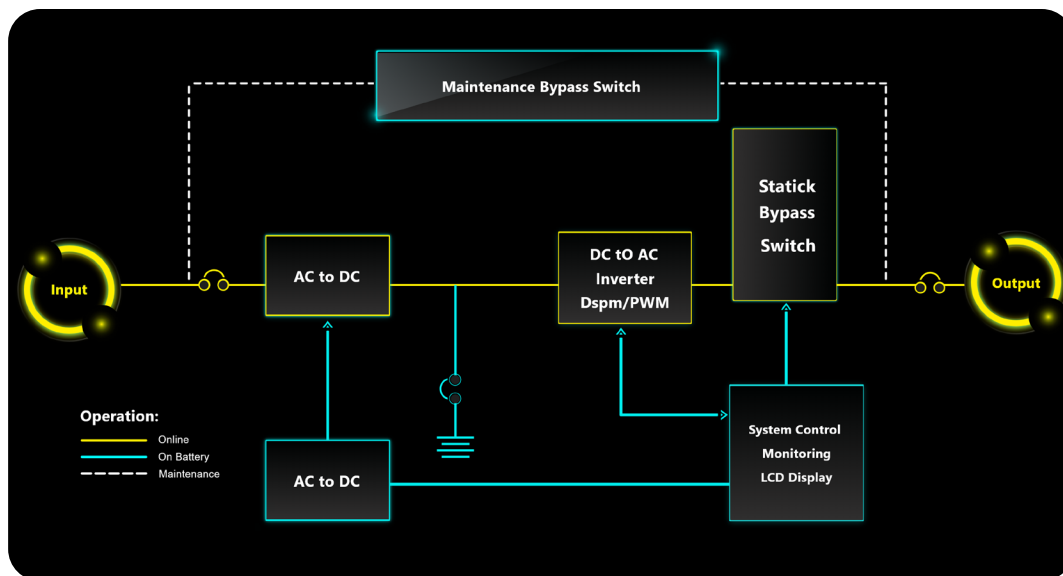
- Modular design enables flexible installation
- Forced air cooling for maximum reliability
- All systems are self contained

## 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	
PLO1	kVA/KW	KW	W	H	D	(lbs)	Sealed, Maintenance free (AGM) lead calcium	<u>Select</u> 120, 208, 240, 277, 480, or 120/240 (Consult factory for others)	Input and output circuit breakers standard	
	1	0.8	(41+4)"	(48+4)"	36"					
	2	1.6	(41+4)"	(48+4)"	36"					
	3	2.4	(41+4)"	(48+4)"	36"	925				
	5	5	(41+4)"	(48+4)"	36"	970				
	7.5	6	(41+4)"	(48+4)"	36"	1170				
	10	8	(41+4)"	(72+4)"	36"	1270				
	12.5	10	(41+4)"	(72+4)"	36"	1320				
	15	12	(41+4)"	(72+4)"	36"	1395				
18	14.4	(41+4)"	(72+4)"	36"	1595					

The Power Lynx 1 is always on-line eliminating noise, spikes, surges and brownouts. When the utility fails, the PLO1 will continue to provide AC voltage without the slightest interruption. The PLO1 generates an output sine 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 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:

PLO1 - 7.5 - 208 240- EMB OCB/240/2

Description of example:

(7.5 kVA, 208 Voltage In, 240 Voltage Out, External Maintenance Bypass Switch, 2 Output 240V Circuit Breakers)

PLO1		VOLTAGE <sup>1</sup>		OPTIONS		TIME
FAMILY	POWER RATING	Input - Output	Input - Output			Minutes
	kVA			RSSP - Remote Indicator Panel		5 (Standard)
	1	120/120	277/120	SNMP - SNMP Card		10
	2	120/277	277/277	FC - Form C Contacts		15
	3	120/480	277/480	OCB - Output Circuit Breaker(s)/voltage/qty		20
	5	120/120-240	277/120-240	SRB - Seismic rated bracket		25
	7.5	120/120-277	277/120-277	EMB - External maintenance bypass switch		30
	10	208/120	480/120	HE - Heat exchanger		45
	12.5	208/277	480/277	HTR - Heater		60
	15	208/480	480/480	EW - Extended warranty		120
	18	208/120-240	480/120-240	HEC - NEMA 4, 4X		180
		208/120-277	480/120-277			240
		240/120				XXX
		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.