

EMERGENCY INVERTERS

LG-I1SL

LUXFINITY MICRO SINGLE PHASE STANDBY INVERTER

Specifications

The LG-I1SL maintains efficient AC Emergency Power to operate all emergency lighting fixtures at “full-light” output after the transfer is complete, providing superior dependability and security to commercial/industrial environments in a small footprint.



Power Rating

- 525 Watts - 1050 Watts single phase output unit uses the latest DSP/PWM technology to provide the most advanced performance and reliability features.

Input

- 120V or 277, 208, 240, 480 VAC input 60Hz

Output

- 120V or 277, 240, 120/240, 120/277 VAC.
Stand-by design is $\geq 99\%$ efficient at 100% linear load

Batteries

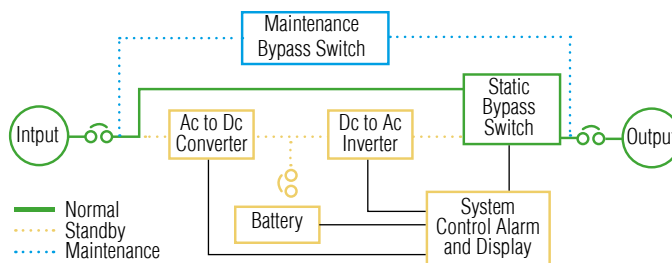
- Sealed, maintenance-free, lead calcium (AGM) batteries
- 10-Year prorated warranty
- DSP/PWM Smart Battery Monitoring System is **Temperature Compensated** maintaining maximum runtime and battery life
- Microprocessor controlled recharge and DSP/PWM overcharge protection standard

Lamps and Loads

- Emergency power provides FULL LIGHT OUTPUT from all lamps and fixtures for the entire runtime
- Operates fluorescent, compact fluorescent, incandescent, quartz, LED and other lamp types
- Standard or electronic ballasts, dimming devices or panels, sensors and most control equipment
- Standard or LED Exits and other safety equipment

Codes

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



Protection

- Provides overload, surge and undercurrent protection using DSP/PWM technology and LUXGUILD Luxpulse Software to protect system performance and reliability
- Transfer in 16msec - 60msec

Diagnostics And Maintenance

- DSP/PWM technology and LUXGUILD Luxpulse 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

- Space saving small footprint
- Modular design enables flexible installation

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

- LUXGUILD 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

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 LUXGUILD phone assisted start-up
- 5-Year powertrain warranty
- Maintenance contracts available

Luxfinity Series	Power Rating	UPS			Weight	British Thermal Units	Battery Type	Voltage (VAC)		Output Protection	Safety Approvals
		Cabinet Dimensions						-INPUT-	-OUTPUT-		
LG-I1SL	VAV	W	H	D	(Lbs)	BTU's	Sealed, Maintenance free (AGM) lead calcium	-Select-	-Select-	Input and output circuit breakers standard	UL924 UL1778 NFPA101 NFPA70 NEC
LG-I1SL	535	25"	22"	12"	157	17.8		120	120		
LG-I1SL	700	25"	22"	12"	200	23.8		208	120/140		
LG-I1SL	875	25"	22"	12"	200	29.8		240	277		
LG-I1SL	1050	25"	22"	12"	207	35.7		277	120/277		
							or	408			

The LG-I1SL provides the simplicity and reliability that is critical when providing an alternative source of power to any environment. Easy installation ...”simplicity”...connect the LG-I1SL to the emergency circuit(s) and everything is backed up...”reliability”...during a power outage. All lighting connected to the LG-I1SL will simply continue to operate at “full light output” once the transfer is complete. LUXGUILD LuxPulse© 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 the time.

We sincerely hope you never experience a real emergency, but if you do, you deserve the security, safety and peace of mind that the Luxfinity Micro Elite from LUXGUILD ensures.

How To Order

Sample Part Number: LG-I1SL - 525 - 120/120 - NOF/120/1

Series	Power Rating	Voltage		Options ¹
LG-I1SL	VAV	-INPUT/OUTPUT-	-INPUT/OUTPUT-	ECM120 - 120 V Environmental control module ² /qty
LG-I1SL	525	120/120	240/120-240	ECM277 - 277 V Environmental control module ² /qty
LG-I1SL	875	120/277	240/120-277	STUM - Onsite satr-up
LG-I1SL	700	120/120-240	277/120	EW - Extended warranty
LG-I1SL	1050	120/120-277	277/277	NOF - Normally “off” ¹
LG-I1SL		208/120	277/120-240	OCB - Output Circuit Breaker ¹
LG-I1SL		208/277	277/120-277	RSSP - Remote Indicator panel ¹
LG-I1SL		208/120-240	480/120	FC - From C contacts ¹
LG-I1SL		208/120-277	480/277	
LG-I1SL		240/120	480/120-240	
LG-I1SL		240/277	480/120-277	

¹ Combination of options may be limited. Please contact factory.

² One ECM is used per switching device or circuit.

Specifications subject to change without notice.

LG-I10E

Luxfinity Max Single Phase Online Inverter

Specifications

The LG-I10E maintains efficient AC Emergency Power to operate all emergency lighting fixtures at “full-light” output, providing superior dependability and security to commercial/industrial environments in a small footprint.

4.7 KW - 21 KW



Power Rating

- 4.7 KW - 21 KW (or 4,700 Watts - 21,000 Watts) single phase output unit uses the latest DSP/PWM technology to provide the most advanced performance and reliability features.

Input

- 120V, 208V, 240V, 277V or 480V input 60Hz

Output

- 120V, 240V, 277V, 480V, 120/240 or 120/277VAC
True “on-line” design is $\geq 92\%$ efficient at 100% linear load

Batteries

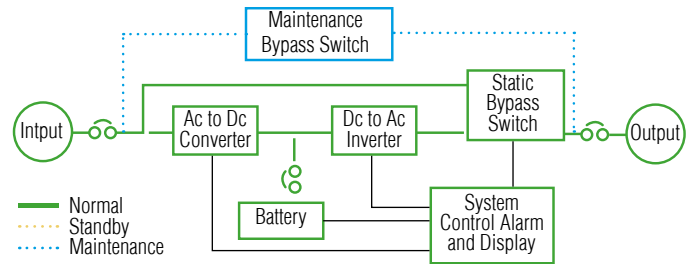
- Sealed, maintenance-free, lead calcium (AGM) batteries
- 10-Year prorated warranty
- DSP Smart Battery Monitoring System is **Temperature Compensated** maintaining maximum runtime and battery life
- Microprocessor controlled recharge and DSP overcharge protection standard

Lamps and Loads

- Emergency power provides FULL LIGHT OUTPUT from all lamps and fixtures for the entire runtime
- Operates fluorescent, compact fluorescent, incandescent, quartz, H.I.D., LED and other lamp types
- Standard or electronic ballasts, dimming devices or panels, sensors and most control equipment
- Standard or LED Exits and other safety equipment

Codes

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



Protection

- Provides overload, surge and undercurrent protection using DSP/PWM “Luxpulse Monitoring” Protection System performance and reliability features
- Surge protection against load surges as defined in ANSI/IEEE C62.45 category A and B

Diagnostics And Maintenance

- DSP/PWM Luxpulse Monitoring System provides complete self diagnostic capabilities and LED Monitor.
- Informative advanced DSP 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
- Systems up to 14 KW are self contained; larger systems require external battery cabinet(s)

Installation

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

Special Applications

- LUXGUILD 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

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 LUXGUILD phone assisted start-up
- 5-Year powertrain warranty
- Maintenance contracts available

Luxfinity Series	Power Rating	UPS			Battery			Weight	British Thermal Unit	Battery type	Voltage (VAC)		Output Protection	Safety Approvals
		Cabinet Dimensions			Cabinet Dimensions			Com-bined			INPUT	OUTOUT		
LG-I10E	KVA/KW	W	H	D	W	H	D	(lbs)	BTU's	Sealed Maintenance free (A.GM) lead calcium	-Select-	-Select-	Input and Output circuit breakers standard	UL924 UL1778 NFPA 101 NFPA 70 NEC
LG-I10E	4.7*	42"	71"	22.5"	not required			1200	1278.4		120	277		
LG-I10E	5.25*	42"	71"	22.5"	not required			1200	1428		240	480		
LG-I10E	7.0*	42"	71"	22.5"	not required			1450	1904		277	120/240		
LG-I10E	8.0*	42"	71"	22.5"	not required			1450	2176		480	120/277		
LG-I10E	10.0*	42"	71"	22.5"	not required			1820	2720					
LG-I10E	12.0*	42"	71"	22.5"	not required			2210	3264					
LG-I10E	14.0*	42"	71"	22.5"	not required			2550	3808					
LG-I10E	18.0	42"	71"	22.5"	42"	71"	22.5"	3750	4896					
LG-I10E	21.0	42"	71"	22.5"	42"	71"	22.5"	4375	5712					

Note: (*) Represents optional smaller cabinet for 4.7 to 14KW with dimensions 40" 48"H 36"D. Please contact us for more information.

The LG-I10E provides the simplicity and reliability that is critical when providing an alternative source of power to any environment. Easy installation ...”simplicity”...connect the LG-I10E to the emergency circuit(s) and everything is backed up...”reliability”...during a power outage. All lighting connected to the LG-I10E will simply continue to operate at **“full light output”**. LUXGUILD LuxPulse© 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 the time. Equipment and lamp life are maximized.

How To Order

Sample Part Number: LG-I10E - 8.0 - 120/277

Series	Power rating	Voltage ¹		Options	Time ³
LG-I10E	-KW-	-INPUT/OUTPUT-	-INPUT/OUTPUT-	ECM120 - 120 V Environmental control module ² /qty	-Minutes-
LG-I10E	4.7	120/120		ECM277 - 277 V Environmental control module ² /qty	5
LG-I10E		120/277	240/120-240	NOF - Normally off output circuit /Voltage/qty/pole	10
LG-I10E	5.25	120/248	240/120-277	NOH - Normally off "Hold On" /Voltage/qty/pole	15
LG-I10E		120/120-240	277/120	OCB - Output circuit breakers/voltage/quantify/amps/pole	20
LG-I10E	7.0	120/120-277	277/277	EPO - Emergency power off	25
LG-I10E		208/120	277/480	SNMP - SNMP card	30
LG-I10E	8.0	208/120-120	277/120-240	FC - From C contacts	45
LG-I10E		208/277	277/120-277	SRB - Seismic rated bracket	60
LG-I10E	12.5	200/400	400/120	STU 1 - Onsite start-up	90 Standard
LG-I10E		208/120 240	480/277	IDB - External maintenance bypass switch	120
LG-I10E	14.0	208/120 277	480/480	EW - Extended warranty	180
LG-I10E		240/120	480/120-240		240
LG-I10E	18.0	240/277	480/120-277		
LG-I10E		240/480			

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

²One ECM is used per switching device or circuit.

³Consult factory for other run times. Specifications subject to change without notice.

LG-I30E

Luxfinity Max Three Phase Online Inverter

Specifications

The LG-I30E maintains efficient AC Emergency Power to operate all emergency lighting fixtures at “full-light” output, providing superior dependability and security to commercial/industrial environments in a small footprint.

3 KW - 125 KW



Power Rating

- 3 KW - 125 KW (or 3,000 Watts - 125,000 Watts) three phase output unit uses the latest DSP/PWM technology to provide the most advanced performance and reliability features

Input

- 208Y/120, 480Y/277, 208 or 480VAC input 60Hz

Output

- 208Y/120 or 480Y/277VAC True “on-line” design is $\geq 92\%$ efficient at 100% linear load

Batteries

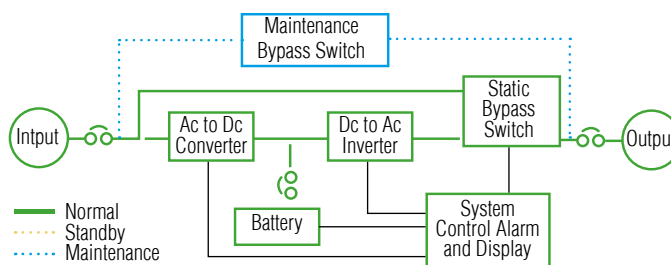
- Sealed, maintenance-free, lead calcium (AGM) batteries
- 10-Year prorated warranty
- DSP/PWM Smart Battery Monitoring System is **TEMPERATURE COMPENSATED** maintaining maximum runtime and battery life
- Microprocessor controlled recharge and DSP/PWM overcharge protection standard

Lamps and Loads

- Emergency power provides FULL LIGHT OUTPUT from all lamps and fixtures for the entire runtime
- Operates fluorescent, compact fluorescent, incandescent, quartz, H.I.D., LED and other lamp types
- Standard or electronic ballasts, dimming devices or panels, sensors and most control equipment
- Standard or LED Exits and other safety equipment

Codes

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



Protection

- Provides overload, surge and undercurrent protection using DSP/PWM technology and LUXGUILD Luxpulse 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 LUXGUILD Luxpulse 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

Special Applications

- LUXGUILD 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

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

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 LUXGUILD phone assisted start-up
- 5-Year powertrain warranty
- Maintenance contracts available

Luxfinity Series	Power Rating	UPS			Battery				Weight	British Thermal Unit	Battery type	Voltage (VAC)		Output Protection	Safety Approvals
		Cabinet Dimensions			Cabinet Dimensions							Com-bined	INPUT		
LG-130E	KVA/KW	W	H	D	N ^o	W	H	D	(lbs)	BTU's	Sealed Maintenance free (A.GM) lead calcium	208Y / 120 VAC, 480Y / 227VAC, 208 or 480 VAC (Consult factory for others)	Input and Output circuit breakers standard	UL924 UL1778 NFPA 101 NFPA 70 NEC	
LG-130E	3	42"	71"	22.5"	not required				980	816					
LG-130E	4.5	42"	71"	22.5"	not required				1100	1224					
LG-130E	6	42"	71"	22.5"	not required				1350	1632					
LG-130E	8	42"	71"	22.5"	1	42"	71"	22.5"	1700	2176					
LG-130E	10	42"	71"	22.5"	1	42"	71"	22.5"	2250	2720					
LG-130E	12	42"	71"	22.5"	1	42"	71"	22.5"	2700	3264					
LG-130E	16	42"	71"	22.5"	1	42"	71"	22.5"	2950	4352					
LG-130E	20	42"	71"	22.5"	1	42"	71"	22.5"	3800	5440					
LG-130E	24	42"	71"	22.5"	2	42"	71"	22.5"	4350	6528					
LG-130E	30	42"	71"	22.5"	2	42"	71"	22.5"	5150	8160					
LG-130E	40	42"	71"	22.5"	3	42"	71"	22.5"	6790	10880					
LG-130E	50	42"	71"	22.5"	4	42"	71"	22.5"	8384	13600					
LG-130E	60	50"	71"	32"	Consult Factory					16320					
LG-130E	80	50"	71"	32"	Consult Factory					21760					
LG-130E	100	50"	71"	32"	Consult Factory					27200					
LG-130E	125	50"	71"	32"	Consult Factory					34000					

The LG-130E provides the simplicity and reliability that is critical when providing an alternative source of power to any environment. Easy installation ...”simplicity”...connect the LG-130E to the emergency circuit(s) and everything is backed up...”reliability”...during a power outage. All lighting connected to the LG-130E will simply continue to operate at “full light output”. LUXGUILD LuxPulse© 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 the time. Equipment and lamp life are maximized.

How To Order

Sample Part Number: LG-130E - 12.0 - 208Y/120 208Y/120- EMB OCB/120/3/20/1

Series	Power rating	Voltage ¹		Options	Time ³
LG-130E	-RW-	-INPUT-	-OUTPUT-	ECM120 - 120 V Environmental control module ?/qty	-Minutes-
LG-130E	3.0	208Y / 120	208Y / 120	ECM277 - 277 V Environmental control module ?/qty	5
LG-130E	4.5			NOF - Normally off output circuit /Voltage/qty/pole	10
LG-130E	6.0	208Y /120	480Y / 277	NOH - Normally offi "Hold On" /Voltage/qty/pole	15
LG-130E	8.0			OCB - Output circuit breakers/voltage/quantity/amps/pole	20
LG-130E	10.0	480Y / 277	208Y / 120	EPO - Emergency power off	25
LG-130E	12.0			SNMP - SNMP card	30
LG-130E	16.0	480Y / 277	480Y / 277	FC - From C contacts	45
LG-130E	20.0			SRB - Seismic rated bracket	60
LG-130E	24.0	208	208Y / 120	STU 3 - Onsite start-up	90 Standard
LG-130E	30.0			EMB - External maintenance bypass switch	120
LG-130E	40.0	208	480Y / 277	EW - Extended warranty	180
LG-130E	50.0				240
LG-130E	60.0	480	208Y / 120		
LG-130E	80.0				
LG-130E	100.0	480	480Y / 277		
LG-130E	125.0				

²One ECM is used per switching device or circuit.

³Consult factory for other run times. Specifications subject to change without notice.

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

LG-I10M

Luxfinity Mini Single Phase Online Inverter

Specifications

The Luxfinity Mini maintains efficient AC Emergency Power to operate all emergency lighting fixtures at “full-light” output, providing superior dependability and security to commercial/ industrial environments in a small footprint.

350 W - 2000 W



Power Rating

- 350 Watts - 2000 Watts single phase output unit uses the latest DSP/PWM technology to provide the most advanced performance and reliability features

Input

- 120V, 208V, 240V, 277V or 480V input 60Hz

Output

- 120V, 240V, 277V, 480V, 120/240 or 120/277VAC. True “on-line” design is $\geq 92\%$ efficient at 100% linear load

Batteries

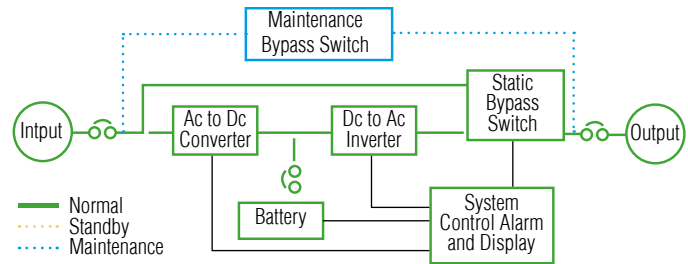
- Sealed, maintenance-free, lead calcium (AGM) batteries
- 10-Year prorated warranty
- DSP/PWM Smart Battery Monitoring System is **TEMPERATURE COMPENSATED** maintaining maximum runtime and battery life
- Microprocessor controlled recharge and DSP/PWM overcharge protection standard

Lamps and Loads

- Emergency power provides FULL LIGHT OUTPUT from all lamps and fixtures for the entire runtime
- Operates fluorescent, compact fluorescent, incandescent, quartz, H.I.D., LED and other lamp types
- Standard or electronic ballasts, dimming devices or panels, sensors and most control equipment
- Standard or LED Exits and other safety equipment

Codes

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



Protection

- Provides overload, surge and undercurrent protection using DSP/PWM technology and LUXGUILD Luxpulse 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 LUXGUILD Luxpulse 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

Special Applications

- LUXGUILD 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

Cabinet

- Space saving small footprint
- Modular design enables flexible installation

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

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 LUXGUILD phone assisted start-up
- 5-Year powertrain warranty
- Maintenance contracts available

Luxfinity Mini Series	Power Rating	UPS			Weight	British Thermal Unit	Battery type	Voltage (VAC)		Output Protection	Safety Approvals
		Cabinet Dimensions						Com-bined	INPUT		
LG-I10M	VA/W	W	H	D	(lbs)	BTU's	Sealed Maintenance free (A.GM) lead calcium	-Select-	-Select-	Input and Output circuit breakers standard	UL924 UL1778 NFPA 101 NFPA 70 NEC
LG-I10M	350	24"	26"	16"	340	95.2					
LG-I10M	525	24"	26"	16"	340	142.8					
LG-I10M	700	24"	26"	16"	370	190.4					
LG-I10M	750	24"	26"	16"	370	204					
LG-I10M	875	24"	26"	16"	370	238					
LG-I10M	1050	24"	26"	16"	440	285.6					
LG-I10M	1400	24"	26"	16"	460	380.8					
LG-I10M	2000	24"	26"	16"	600	544					

The LG-I10M provides the simplicity and reliability that is critical when providing an alternative source of power to any environment. Easy installation ...”simplicity”...connect the LG-I10M to the emergency circuit(s) and everything is backed up...”reliability”...during a power outage. All lighting connected to the LG-I10M will simply continue to operate at “full light output”. LUXGUILD LuxPulse© 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 the time. Equipment and lamp life are maximized.

How To Order

Sample Part Number: LG-I10M - 1050 - 208/120 - OCB/120/3/20/1 NOF/120/1 - 90

Series	Power rating	Voltage ¹		Options	Time ³
LG-I10M	-RW-	-INPUT-	-OUTPUT-	ECM120 - 120 V Environmental control module ?/qty	-Minutes-
LG-I10M	350	120 / 120	240/120-240	ECM277 - 277 V Environmental control module ?/qty	5
LG-I10M	525	120/ 277	240/120-277	NOF - Normally off output circuit /Voltage/qty/pole	10
LG-I10M	700	120 / 480	277/120	NOH - Normally off "Hold On" /Voltage/qty/pole	15
LG-I10M	750	120 / 120 -240	277/277	OCB - Output circuit breakers/voltage/quantity/amps/pole	20
LG-I10M	875	120 / 120 -277	277/480	EPO - Emergency power off	25
LG-I10M	1050	208 / 120	277/120-240	SNMP - SNMP card	30
LG-I10M	1400	208 / 277	277/120-277	FC - From C contacts	45
LG-I10M	2000	208 / 480	480/120	SRB - Seismic rated bracket	60
LG-I10M		208 / 120 -240	480/277	STU M - Onsite start-up	90 Standard
LG-I10M		208 / 120 -277	480/480	IDB - Internal dimmer bypass	120
LG-I10M		240 / 120	480/120-240	EMB - External maintenance bypass switch	180
LG-I10M		240 / 277	480/120-277	EW - Extended warranty	240
LG-I10M		240 / 480		RSSP - Remote Indicator Panel	
LG-I10M				WB - Wall mounted bracket	

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

²One ECM is used per switching device or circuit.

³Consult factory for other run times.

Specifications subject to change without notice.

LG-I10P

Luxfinity Plus Single Phase Online Inverter

Specifications

The Luxfinity Plus maintains efficient AC Emergency Power to operate all emergency lighting fixtures at “full-light” output, providing superior dependability and security to commercial/ industrial environments in a small footprint.

2.4 KW - 4.2 KW



Power Rating

- 2.4 KW - 4.2 KW (or 2,400 Watts - 4,200 Watts) single phase output unit uses the latest DSP/PWM technology to provide the most advanced performance and reliability features

Input

- 1120V, 208V, 240V, 277V or 480V input 60Hz

Output

- 120V, 277V, 480V, 120/240 or 120/277VAC output 60Hz.
True “on-line” design is $\geq 92\%$ efficient at 100% linear load

Batteries

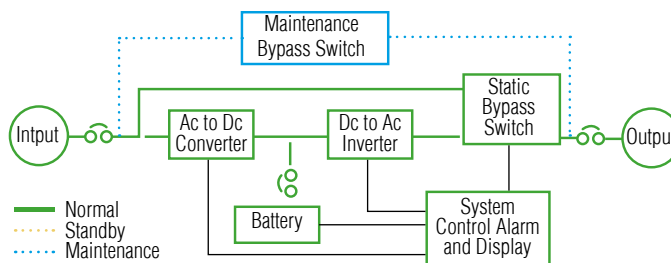
- Sealed, maintenance-free, lead calcium (AGM) batteries
- 10-Year prorated warranty
- DSP/PWM Smart Battery Monitoring System is **TEMPERATURE COMPENSATED** maintaining maximum runtime and battery life
- Microprocessor controlled recharge and DSP/PWM overcharge protection standard

Lamps and Loads

- Emergency power provides FULL LIGHT OUTPUT from all lamps and fixtures for the entire runtime
- Operates fluorescent, compact fluorescent, incandescent, quartz, H.I.D., LED and other lamp types
- Standard or electronic ballasts, dimming devices or panels, sensors and most control equipment
- Standard or LED Exits and other safety equipment

Codes

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



Protection

- Provides overload, surge and undercurrent protection using DSP/PWM technology and LUXGUILD Luxpulse 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 LUXGUILD Luxpulse 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

Special Applications

- LUXGUILD 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

Cabinet

- Space saving small footprint
- Modular design enables flexible installation

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

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 LUXGUILD phone assisted start-up
- 5-Year powertrain warranty
- Maintenance contracts available

Luxfinity Plus Series	Power Rating	UPS			Weight Com- bined (lbs)	British Thermal Unit BTU's	Battery type	Voltage (VAC)		Output Protection	Safety Approvals
		Cabinet Dimensions						INPUT	OUTOUT		
LG-I10P	VAV	W	H	D							
LG-I10P	2.4	26"	44"	26"	700	652.8	Sealed Maintenance free (A.GM) lead calcium	-Select-	-Select-	Input and Output circuit breakers standard	UL924 UL1778 NFPA 101 NFPA 70 NEC
LG-I10P	2.6	26"	44"	26"	700	707.2		120	120		
LG-I10P	3.0	26"	44"	26"	800	816		208	277		
LG-I10P	3.4	26"	44"	26"	800	924.8		240	480		
LG-I10P	3.8	26"	44"	26"	800	1033.6		277	120/240		
LG-I10P	4.2	26"	44"	26"	920	1142.4		480	120/277		

The LG-I10P provides the simplicity and reliability that is critical when providing an alternative source of power to any environment. Easy installation ...”simplicity”...connect the LG-I10P to the emergency circuit(s) and everything is backed up...”reliability”...during a power outage. All lighting connected to the LG-I10P will simply continue to operate at “full light output”. LUXGUILD LuxPulse© 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 the time. Equipment and lamp life are maximized.

How To Order

Sample Part Number: LG-I10P - 4.2 - 277/277 - ECM277/3 OCB/277/3/20/1 - 45

Series	Power rating	Voltage ¹		Options	Time ³
LG-I10P	-RW-	-INPUT / OUTPUT-	-INPUT / OUTPUT-	ECM120 - 120 V Environmental control module ?/qty	-Minutes-
LG-I10P	2.4	120 / 120	240/120-240	ECM277 - 277 V Environmental control module ?/qty	5
LG-I10P	2.6	120/ 277	240/120-277	NOF - Normally off output circuit /Voltage/qty/pole	10
LG-I10P	3.0	120 / 480	277/120	NOH - Normally off "Hold On" /Voltage/qty/pole	15
LG-I10P	3.4	120 / 120 -240	277/277	OCB - Output circuit breakers/voltage/quantify/amps/pole	20
LG-I10P	3.8	120 / 120 -277	277/480	EPO - Emergency power off	25
LG-I10P	4.2	208 / 120	277/120-240	RSSP - Remote Indicator Panel	30
LG-I10P		208 / 277	277/120-277	FC - Form C Contacts	45
LG-I10P		208 / 480	480/120	SRB - Seismic rated bracket	60
LG-I10P		208 / 120 -240	480/277	STU1 - Onsite start-up	90 Standard
LG-I10P		208 / 120 -277	480/480	IDB - Internal dimmer bypass	120
LG-I10P		240 / 120	480/120-240	EMB - External maintenance bypass switch	180
LG-I10P		240 / 277	480/120-277	EW - Extended warranty	240
LG-I10P		240 / 480			

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

²One ECM is used per switching device or circuit.

³Consult factory for other run times.

Specifications subject to change without notice.

LG-I1WE

Luxfinity Max Outdoor Single Phase Inverter

Specifications

The Luxfinity maintains efficient AC Emergency Power to operate all emergency lighting fixtures at “full-light” output, providing superior dependability and security to commercial/industrial environments in an outdoor environment.

0.075 KW - 21 KW



Power Rating

- 0.075 KW - 21 KW (or 75 Watts - 21,000 Watts) single phase output unit uses the latest DSP/PWM technology to provide the most advanced performance and reliability features.

Input

- 120V, 120/120V, 240V, 277V or 480V input 60Hz

Output

- 120V, 208V, 240V, 277V, 480V, 120/240 or 120/277VAC
True “on-line” design is $\geq 92\%$ efficient at 100% linear load

Batteries

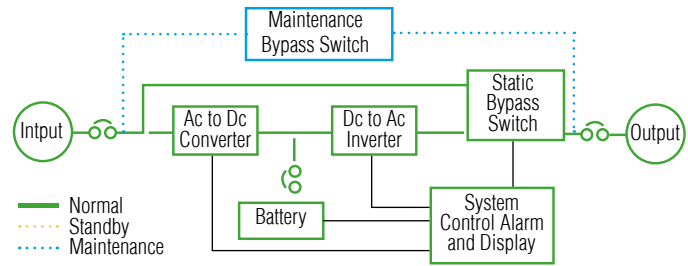
- Sealed, maintenance-free, lead calcium (AGM) batteries
- 10-Year prorated warranty
- DSP Smart Battery Monitoring System is **Temperature Compensated** maintaining maximum runtime and battery life
- Microprocessor controlled recharge and DSP overcharge protection standard

Lamps and Loads

- Emergency power provides FULL LIGHT OUTPUT from all lamps and fixtures for the entire runtime
- Operates fluorescent, compact fluorescent, incandescent, quartz, H.I.D., LED and other lamp types
- Standard or electronic ballasts, dimming devices or panels, sensors and most control equipment
- Standard or LED Exits and other safety equipment

Codes

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



Protection

- Provides overload, surge and undercurrent protection using DSP/PWM technology and LUXGUILD Luxpulse 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 LUXGUILD Luxpulse 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

Special Applications

- LUXGUILD 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

Nema 3R Cabinet

- Modular design enables flexible installation
- Forced air cooling for maximum reliability
- Systems up to 12 KW are self contained; larger systems 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

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 LUXGUILD phone assisted start-up
- 5-Year powertrain warranty
- Maintenance contracts available

Luxfinity Outdoor 1	Power Rating	UPS			Battery			Weight	British Thermal Unit	Battery type	Voltage (VAC)		Output Protection	Safety Approvals
		Cabinet Dimensions			Cabinet Dimensions			Combined			INPUT	OUTOUT		
LG-I1WE	KVA / KW	W	H	D	W	H	D	(lbs)	BTU's	Sealed Maintenance free (A.GM) lead calcium	-Select-	-Select-	Input and Output circuit breakers standard	UL924 UL1778 NFPA 101 NFPA 70 NEC
LG-I1WE	0.075	20"	24"	8"	not required			100	20.4		120	120		
LG-I1WE	0.1	20"	24"	8"	not required			110	27.2		208	208		
LG-I1WE	0.125	20"	24"	8"	not required			120	34		240	240		
LG-I1WE	0.2	20"	24"	8"	not required			130	54.4		277	277		
LG-I1WE	0.3	20"	24"	8"	not required			140	81.6		480	480		
LG-I1WE	0.35	45"	51"	35.5"	not required			150	95.2		120/240	120/240		
LG-I1WE	0.525	45"	51"	35.5"	not required			630	142.8		277	277		
LG-I1WE	0.7	45"	51"	35.5"	not required			640	190.4		480	480		
LG-I1WE	0.875	45"	51"	35.5"	not required			670	238		120/240	120/240		
LG-I1WE	1.05	45"	51"	35.5"	not required			710	285.6		277	277		
LG-I1WE	1.4	45"	51"	35.5"	not required			790	380.8		480	480		
LG-I1WE	2.0	45"	51"	35.5"	not required			870	544		120/240	120/240		
LG-I1WE	2.4	45"	51"	35.5"	not required			920	652.8		277	277		
LG-I1WE	2.6	45"	51"	35.5"	not required			930	707.2		480	480		
LG-I1WE	3.0	45"	51"	35.5"	not required			980	816		120/240	120/240		
LG-I1WE	3.4	45"	51"	35.5"	not required			1030	924.8		277	277		
LG-I1WE	3.8	45"	51"	35.5"	not required			1090	1033.6		480	480		
LG-I1WE	4.2	45"	51"	35.5"	not required			1150	1142.4		120/240	120/240		
LG-I1WE	4.7	45"	51"	35.5"	not required			1630	1278.4		277	277		
LG-I1WE	5.25	45"	51"	35.5"	not required			1630	1428		480	480		
LG-I1WE	7.0	41"	72"	32"	not required			1880	1904		120/240	120/240		
LG-I1WE	8.0	41"	72"	32"	not required			1880	2176		277	277		
LG-I1WE	10.0	41"	72"	32"	not required			2250	2720		480	480		
LG-I1WE	12.0	41"	72"	32"	not required			2640	3264	120/240	120/240			
LG-I1WE	14.0	41"	72"	32"	41"	72"	32"	2945	3808	277	277			
LG-I1WE	18.0	41"	72"	32"	41"	72"	32"	4145	4896	480	480			
LG-I1WE	21.0	41"	72"	32"	41"	72"	32"	4555	5712	120/240	120/240			

The LG-I1WE provides the simplicity and reliability that is critical when providing an alternative source of power to any environment. Easy installation ...”simplicity”...connect the LG-I1WE to the emergency circuit(s) and everything is backed up...”reliability”...during a power outage. All lighting connected to the LG-I1WE will simply continue to operate at “full light output”. LUXGUILD LuxPulse© 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 the time. Equipment and lamp life are maximized.

How To Order

Sample Part Number: LG-I1WE - 8.0 - 120/277 - ECM277/3 OCB/277/3/20 - 120

Series	Power rating		Voltage ¹		Options	Time ³
LG-I1WE	-RW-		-INPUT / OUTPUT-	-INPUT / OUTPUT-	ECM120 - 120 V Environmental control module ² /qty	-Minutes-
LG-I1WE	0.075	3.0	120 /120	240/120-240	ECM277 - 277 V Environmental control module ² /qty	5
LG-I1WE	0.1	3.4	120/208	240/120-277	NOF - Normally off output circuit /Voltage/qty/pole	10
LG-I1WE	0.125	3.8	120 /277	277/120	NOH - Normally off "Hold On" /Voltage/qty/pole	15
LG-I1WE	0.2	4.2	120/480	277/208	OCB - Output circuit breakers/voltage/quantify/amps/pole	20
LG-I1WE	0.3	4.7	120 / 120 -240	277/277	EPO - Emergency power off	25
LG-I1WE	0.35	5.25	120 / 120 -277	277/480	RSSP - Remote Indicator Panel	30
LG-I1WE	0.525	7.0	208 / 120	277/120-240	SNMP - SNMP card	45
LG-I1WE	0.7	8.0	208 / 208	277/120-277	FC - Form C Contacts	60
LG-I1WE	0.875	10.0	208 / 277	480/120	STU1 - Onsite start-up	90 Standard
LG-I1WE	1.05	12.0	208 / 480	480/208	IDB - Internal dimmer bypass	120
LG-I1WE	1.4	14.0	208 / 120 -240	480/277	EMB - External maintenance bypass switch	180
LG-I1WE	2.0	18.0	208 / 120 -277	480/480	HE - Heat exchanger	240
LG-I1WE	2.4	21.0	240 / 120	480/120-240	HTR - Heater	
LG-I1WE	2.6		240 / 208	480/120-277	EW - Extended warranty	
LG-I1WE			240 / 277			
LG-I1WE			240 / 480			

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

²One ECM is used per switching device or circuit.

³Consult factory for other run times.

Specifications subject to change without notice.

LG-13WE

Luxfinity Max Outdoor Three Phase Inverter

Specifications

The Luxfinity 3 maintains efficient AC Emergency Power to operate all emergency lighting fixtures at “full-light” output, providing superior dependability and security to commercial/industrial environments in an outdoor environment.

3 KW - 125 KW



Power Rating

- 3 KW - 125 KW (or 3,000 Watts - 125,000 Watts) three phase output unit uses the latest DSP/PWM technology to provide the most advanced performance and reliability features

Input

- 208Y/120, 480Y/277, 208 or 480VAC input 60Hz

Output

- 208Y/120 or 480Y/277VAC True “on-line” design is $\geq 92\%$ efficient at 100% linear load

Batteries

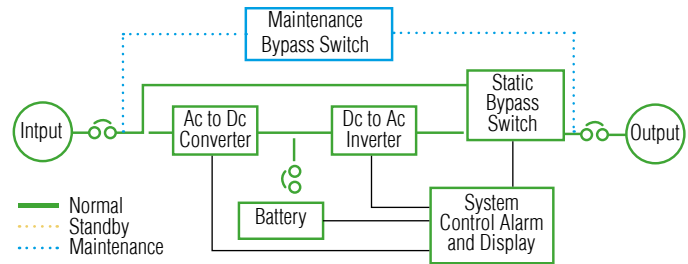
- Sealed, maintenance-free, lead calcium (AGM) batteries
- 10-Year prorated warranty
- DSP/PWM Smart Battery Monitoring System is **TEMPERATURE COMPENSATED** maintaining maximum runtime and battery life
- Microprocessor controlled recharge and DSP/PWM overcharge protection standard

Lamps and Loads

- Emergency power provides FULL LIGHT OUTPUT from all lamps and fixtures for the entire runtime
- Operates fluorescent, compact fluorescent, incandescent, quartz, H.I.D., LED and other lamp types
- Standard or electronic ballasts, dimming devices or panels, sensors and most control equipment
- Standard or LED Exits and other safety equipment

Codes

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



Protection

- Provides overload, surge and undercurrent protection using DSP/PWM technology and LUXGUILD Luxpulse 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 LUXGUILD Luxpulse 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

Special Applications

- LUXGUILD 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

Nema 3R 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

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 LUXGUILD phone assisted start-up
- 5-Year powertrain warranty
- Maintenance contracts available

Luxfinity Outdoor 3	Power Rating	UPS			Battery				Weight Combined	British Thermal Unit	Battery type	Voltage (VAC)		Output Protection	Safety Approvals
		W	H	D	N ^o	W	H	D				INPUT	OUTOUT		
LG-I3WE	KVA / KW								(lbs)	BTU's	Sealed Maintenance free (A.GM) lead calcium	INPUT	OUTOUT	Input and Output circuit breakers standard	UL924 UL1778 NFPA 101 NFPA 70 NEC
LG-I3WE	3	41"	72"	32"	not required				1480	826		-Select-			
LG-I3WE	4.5	41"	72"	32"	not required				1600	1224					
LG-I3WE	6	41"	72"	32"	not required				1850	1632					
LG-I3WE	8	41"	72"	32"	not required				2200	2176					
LG-I3WE	10	41"	72"	32"	not required				2750	2720					
LG-I3WE	12	41"	72"	32"	1	41"	72"	32"	3200	3264					
LG-I3WE	16	41"	72"	32"	1	41"	72"	32"	3450	4352					
LG-I3WE	20	41"	72"	32"	1	41"	72"	32"	4300	5440					
LG-I3WE	24	41"	72"	32"	2	41"	72"	32"	5050	6528					
LG-I3WE	30	41"	72"	32"	2	41"	72"	32"	5900	8160					
LG-I3WE	40	41"	72"	32"	3	41"	72"	32"	6750	10880					
LG-I3WE	60	Consult Factory								16320					
LG-I3WE	80	Consult Factory								21750					
LG-I3WE	100	Consult Factory								27200					
LG-I3WE	125	Consult Factory								34000					

The LG-I3WE provides the simplicity and reliability that is critical when providing an alternative source of power to any environment. Easy installation ...”simplicity”...connect the LG-I3WE to the emergency circuit(s) and everything is backed up...”reliability”...during a power outage. All lighting connected to the LG-I3WE will simply continue to operate at “full light output”. LUXGUILD LuxPulse© 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 the time. Equipment and lamp life are maximized.

How To Order

Sample Part Number: LG-I3WE - 12.0 - 208Y/120 208Y/120- EMB OCB/120/3/20/1 - 180

Series	Power rating	Voltage ¹	Options	Time ³
LG-I3WE	-RW-	-INPUT / OUTPUT-	ECM120 - 120 V Environmental control module ?/qty	-Minutes-
LG-I3WE	3.0	208Y/120 - 208Y/120	ECM277 - 277 V Environmental control module ?/qty	5
LG-I3WE	4.5	208Y/120 - 408Y/277	NOF - Normally off output circuit /Voltage/qty/pole	10
LG-I3WE	6.0	480Y/277 - 208Y/120	NOH - Normally off "Hold On" /Voltage/qty/pole	15
LG-I3WE	8.0	480Y/277 - 480Y/277	OCB - Output circuit breakers/voltage/quantify/amps/pole	20
LG-I3WE	10.0	208 - 208Y/120	EPO - Emergency power off	25
LG-I3WE	12.0	208 - 408Y/277	RSSP - Remote Indicator Panel	30
LG-I3WE	16.0	480 - 208Y/120	SNMP - SNMP card	45
LG-I3WE	20.0	480 - 408Y/277	FC - Form C Contacts	60
LG-I3WE	24.0		STU3 - Onsite start-up	90 Standard
LG-I3WE	30.0		IDB - Internal dimmer bypass	120
LG-I3WE	40.0		EMB - External maintenance bypass switch	180
LG-I3WE	60.0		HE - Heat exchanger	240
LG-I3WE	80.0		HTR - Heater	
LG-I3WE	100.0		EW - Extended warranty	
LG-I3WE	125.0			

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

²One ECM is used per switching device or circuit.

³Consult factory for other run times.

Specifications subject to change without notice.

LG-I1HE

Luxfinity Max Harsh Single Phase Inverter

Specifications

The Luxfinity Harsh 1 maintains efficient AC Emergency Power to operate all emergency lighting fixtures at “full-light” output, providing superior dependability and security to commercial/ industrial environments in an outdoor environment..

0.075 KW - 21 KW



Power Rating

- 0.075 KW - 21 KW (or 75 Watts - 21,000 Watts) single phase output unit uses the latest DSP/PWM technology to provide the most advanced performance and reliability features.

Input

- 120V, 120/120V, 240V, 277V or 480V input 60Hz

Output

- 120V, 208V, 240V, 277V, 480V, 120/240 or 120/277VAC
True “on-line” design is $\geq 92\%$ efficient at 100% linear load

Batteries

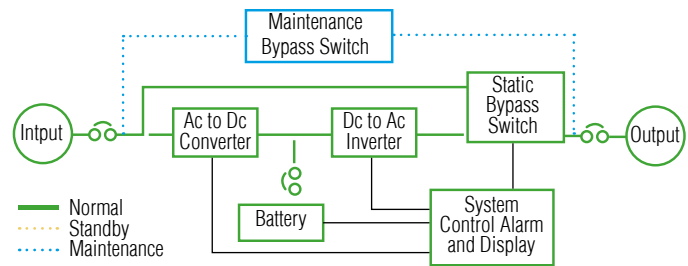
- Sealed, maintenance-free, lead calcium (AGM) batteries
- 10-Year prorated warranty
- DSP Smart Battery Monitoring System is **Temperature Compensated** maintaining maximum runtime and battery life
- Microprocessor controlled recharge and DSP overcharge protection standard

Lamps and Loads

- Emergency power provides FULL LIGHT OUTPUT from all lamps and fixtures for the entire runtime
- Operates fluorescent, compact fluorescent, incandescent, quartz, H.I.D., LED and other lamp types
- Standard or electronic ballasts, dimming devices or panels, sensors and most control equipment
- Standard or LED Exits and other safety equipment

Codes

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



Protection

- Provides overload, surge and undercurrent protection using DSP/PWM technology and LUXGUILD Luxpulse 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 LUXGUILD Luxpulse 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

Special Applications

- LUXGUILD 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

Nema 4X or 12 Cabinet

- Modular design enables flexible installation
- Forced air cooling for maximum reliability
- Systems up to 12 KW are self contained; larger systems 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

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 LUXGUILD phone assisted start-up
- 5-Year powertrain warranty
- Maintenance contracts available

Luxfinity Harsh 1	Power Rating	UPS						Weight Combined	British Thermal Unit	Battery type	Voltage (VAC)		Output Protection	Safety Approvals
		Cabinet Dimensions			W	H	D				W	H		
LG-11HE	KVA / KW	W	H	D	W	H	D	(lbs)	BTU's	Sealed Maintenance free (A.GM) lead calcium	-Select-	-Select-	Input and Output circuit breakers standard	UL924 UL1778 NFPA 101 NFPA 70 NEC
LG-11HE	0.35	41"	52"	36"	not required			950	95.2		120	120		
LG-11HE	0.525	41"	52"	36"	not required			1140	142.8		208	277		
LG-11HE	0.7	41"	52"	36"	not required			1170	190.4		240	480		
LG-11HE	0.875	41"	52"	36"	not required			1190	238		277	120/240		
LG-11HE	1.05	41"	52"	36"	not required			1220	285.6		480	120/277		
LG-11HE	1.4	41"	52"	36"	not required			1350	380.8					
LG-11HE	2.0	41"	52"	36"	not required			1410	544					
LG-11HE	2.4	41"	52"	36"	not required			1460	652.8					
LG-11HE	2.6	41"	52"	36"	not required			1620	707.2					
LG-11HE	3.0	41"	52"	36"	not required			1730	816					
LG-11HE	3.4	41"	52"	36"	not required			1780	924.8					
LG-11HE	3.8	41"	52"	36"	not required			1830	1033.6					
LG-11HE	4.2	41"	52"	36"	not required			1980	1142.4					
LG-11HE	4.7	41"	73"	36"	not required			2350	1278.4					
LG-11HE	5.25	41"	73"	36"	not required			2350	1428					
LG-11HE	7.0	41"	73"	36"	not required			2600	1904					
LG-11HE	8.0	41"	73"	36"	not required			2600	2176					
LG-11HE	10.0	41"	73"	36"	not required			3050	2720					
LG-11HE	12.0	41"	73"	36"	not required			3050	3264					
LG-11HE	14.0	41"	73"	36"	41"	52"	36"	3700	3808					
LG-11HE	18.0	41"	73"	36"	41"	52"	36"	4900	4896					
LG-11HE	21.0	41"	73"	36"	41"	52"	36"	5300	5712					

How To Order

Sample Part Number: LG-11HE - 8.0 - 120/277 - ECM277/3 OCB/277/3/20/1 - 180

Series	Power rating		Voltage ¹		Options	Time ³
LG-11HE	-RW-		-INPUT / OUTPUT-	-INPUT / OUTPUT-	ECM120 - 120 V Environmental control module ?/qty	-Minutes-
LG-11HE	0.075	3.0	120 / 120	277 / 120	ECM277 - 277 V Environmental control module ?/qty	5
LG-11HE	0.1	3.4	120 / 277	277 / 277	NOF - Normally off output circuit /voltage/qty/pole	10
LG-11HE	0.125	3.8	120 / 480	277 / 480	NOH - Normally off "Hold On" /voltage/qty/pole	15
LG-11HE	0.2	4.2	120 / 120 - 240	277 / 120 - 240	OCB - Output circuit breakers/voltage/quantify/amps/pole	20
LG-11HE	0.3	4.7	120 / 120 - 277	277 / 120 - 277	EPO - Emergency power off	25
LG-11HE	0.35	5.25	208 / 120	480 / 120	RSSP - Remote Indicator Panel	30
LG-11HE	0.525	7.0	208 / 277	480 / 208	SNMP - SNMP card	45
LG-11HE	0.7	8.0	208 / 480	480 / 277	FC - Form C Contacts	60
LG-11HE	0.875	10.0	208 / 120 - 240	480 / 480	STU1 - Onsite start-up	90 Standard
LG-11HE	1.05	12.0	208 / 120 - 277	480 / 120 - 240	IDB - Internal dimmer bypass	120
LG-11HE	1.4	14.0	240 / 120	480 / 120 - 277	EMB - External maintenance bypass switch	180
LG-11HE	2.0	18.0	240 / 277		HTR - Heater	240
LG-11HE	2.4	21.0	240 / 480		EW - Extended warranty	
LG-11HE	2.6		240 / 120 - 240			
LG-11HE			240 / 120 - 277			

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

²One ECM is used per switching device or circuit.

³Consult factory for other run times. Specifications subject to change without notice.

LG-I3HE

Luxfinity Max Harsh Three Phase Inverter

Specifications

The Luxfinity Harsh 3 maintains efficient AC Emergency Power to operate all emergency lighting fixtures at “full-light” output, providing superior dependability and security to commercial/ industrial environments in an outdoor environment.

3 KW - 125 KW



Power Rating

- 3 KW - 125 KW (or 3,000 Watts - 125,000 Watts) three phase output unit uses the latest DSP/PWM technology to provide the most advanced performance and reliability features

Input

- 208Y/120, 480Y/277, 208 or 480VAC input 60Hz

Output

- 208Y/120 or 480Y/277VAC True “on-line” design is $\geq 92\%$ efficient at 100% linear load

Batteries

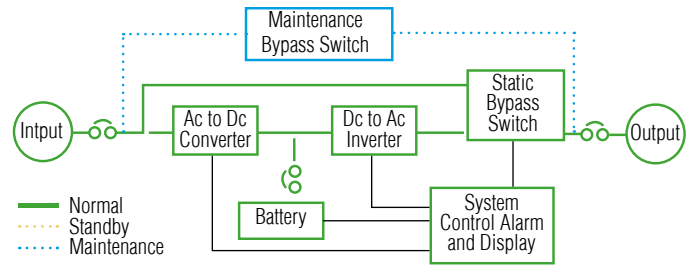
- Sealed, maintenance-free, lead calcium (AGM) batteries
- 10-Year prorated warranty
- DSP/PWM Smart Battery Monitoring System is **TEMPERATURE COMPENSATED** maintaining maximum runtime and battery life
- Microprocessor controlled recharge and DSP/PWM overcharge protection standard

Lamps and Loads

- Emergency power provides FULL LIGHT OUTPUT from all lamps and fixtures for the entire runtime
- Operates fluorescent, compact fluorescent, incandescent, quartz, H.I.D., LED and other lamp types
- Standard or electronic ballasts, dimming devices or panels, sensors and most control equipment
- Standard or LED Exits and other safety equipment

Codes

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



Protection

- Provides overload, surge and undercurrent protection using DSP/PWM technology and LUXGUILD Luxpulse 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 LUXGUILD Luxpulse 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

Special Applications

- LUXGUILD 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

Nema 4X or 12 Cabinet

- Modular design enables flexible installation
- Forced air cooling for maximum reliability
- Systems up to 10 KW are self contained; larger systems require external battery cabinet(s)

Installation

- Modular design and small footprint allow easy installation in an outdoor environment
- Phone assisted factory start-up standard for all systems
- Extended warranty available

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 LUXGUILD phone assisted start-up
- 5-Year powertrain warranty
- Maintenance contracts available

Luxfinity Harsh 1	Power Rating	UPS						Weight Combined	British Thermal Unit	Battery type	Voltage (VAC)		Output Protection	Safety Approvals
		Cabinet Dimensions									INPUT	OUTPUT		
LG-13HE	KVA / KW	W	H	D	W	H	D	(lbs)	BTU's	Sealed Maintenance free (A.GM) lead calcium	-Select-	Input and Output circuit breakers standard	UL924 UL1778 NFPA 101 NFPA 70 NEC	
LG-13HE	3	58"	72.8"	36"	not required			1730	816					
LG-13HE	4.5	58"	72.8"	36"	not required			1850	1224					
LG-13HE	6	58"	72.8"	36"	not required			2100	1632					
LG-13HE	8	58"	72.8"	36"	not required			2450	2176					
LG-13HE	10	58"	72.8"	36"	not required			3000	2720					
LG-13HE	12	58"	72.8"	36"	58"	72.8"	36"	3450	3264					
LG-13HE	16	58"	72.8"	36"	58"	72.8"	36"	3700	4352					
LG-13HE	20	58"	72.8"	36"	58"	72.8"	36"	4550	5440					
LG-13HE	24	Consult Factory							6528					
LG-13HE	30	Consult Factory							8160					
LG-13HE	40	Consult Factory							10880					
LG-13HE	60	Consult Factory							16320					
LG-13HE	80	Consult Factory							21760					
LG-13HE	100	Consult Factory							27200					
LG-13HE	125	Consult Factory							34000					

How To Order

Sample Part Number: LG-13HE - 12.0 - 208Y/120 208Y/120 - EMB OCB/120/3/20/1 - 240

Series	Power rating	Voltage ¹	Options	Time ³
LG-13HE	-RW-	-INPUT / OUTPUT-	ECM120 - 120 V Environmental control module ?/qty	-Minutes-
LG-13HE	3.0	208Y/120 - 208Y/120	ECM277 - 277 V Environmental control module ?/qty	5
LG-13HE	4.5	208Y/120 - 480Y/277	NOF - Normally off output circuit /Voltage/qty/pole	10
LG-13HE	6.0	480Y/277 - 208Y/120	NOH - Normally off "Hold On" /Voltage/qty/pole	15
LG-13HE	8.0	480Y/277 - 480Y/277	OCB - Output circuit breakers/voltage/quantify/amps/pole	20
LG-13HE	10.0	208 - 208Y/120	EPO - Emergency power off	25
LG-13HE	12.0	208 - 480Y/277	RSSP - Remote Indicator Panel	30
LG-13HE	16.0	480 - 208Y/120	SNMP - SNMP card	45
LG-13HE	20.0	480 - 480Y/277	FC - Form C Contacts	60
LG-13HE	24.0		STU3 - Onsite start-up	90 Standard
LG-13HE	30.0		IDB - Internal dimmer bypass	120
LG-13HE	40.0		EMB - External maintenance bypass switch	180
LG-13HE	60.0		HTR - Heater	240
LG-13HE	80.0		EW - Extended warranty	
LG-13HE	100.0			
LG-13HE	125.0			

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

²One ECM is used per switching device or circuit.

³Consult factory for other run times. Specifications subject to change without notice.

LG-I1SE

Luxfinity Max Single Phase Standby Inverter

Specifications

The Luxfinity 1 maintains efficient AC Emergency Power to operate all emergency lighting fixtures at “full-light” output, after the transfer is complete, providing superior dependability and security to commercial/industrial environments in a small footprint.

4.7 - 21 KW



Power Rating

- 4.7 KW - 21 KW (or 4,700 Watts - 21,000 Watts) single phase output unit uses the latest DSP/PWM technology to provide the most advanced performance and reliability features

Input

- 120V, 208V, 240V, 277V or 480V input 60Hz

Output

- 120V, 240V, 277V, 480V, 120/240 or 120/277VAC
Stand-by design is $\geq 99\%$ efficient at 100% linear load

Batteries

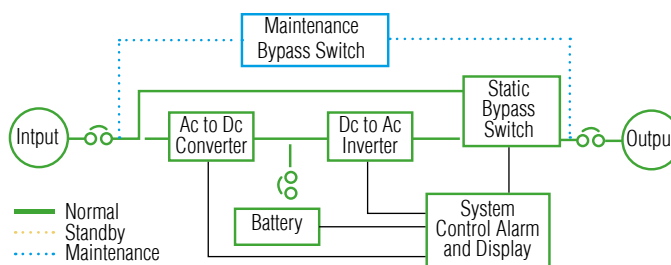
- Sealed, maintenance-free, lead calcium (AGM) batteries
- 10-Year prorated warranty
- DSP Smart Battery Monitoring System is **Temperature Compensated** maintaining maximum runtime and battery life
- Microprocessor controlled recharge and DSP overcharge protection standard

Lamps and Loads

- Emergency power provides FULL LIGHT OUTPUT from all lamps and fixtures for the entire runtime
- Operates fluorescent, compact fluorescent, incandescent, quartz, H.I.D., LED and other lamp types
- Standard or electronic ballasts, dimming devices or panels, sensors and most control equipment
- Standard or LED Exits and other safety equipment

Codes

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



Protection

- Provides overload, surge and undercurrent protection using DSP/PWM technology and LUXGUILD Luxpulse Software to protect system performance and reliability
- Transfer in 16msec - 60msec

Diagnostics And Maintenance

- DSP/PWM technology and LUXGUILD Luxpulse 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
- Systems up to 12 KW are self contained; larger systems 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

- LUXGUILD 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

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 LUXGUILD phone assisted start-up
- 5-Year powertrain warranty
- Maintenance contracts available

Luxfinity 1 Series	Power Rating	UPS						Weight Combined	British Thermal Unit	Battery type	Voltage (VAC)		Output Protection	Safety Approvals
		Cabinet Dimensions									INPUT	OUTOUT		
LG-I1SE	KVA / KW	W	H	D	W	H	D	(lbs)	BTU's	Sealed Maintenance free (A.GM) lead calcium	-Select-	-Select-	Input and Output circuit breakers standard	UL924 UL1778 NFPA 101 NFPA 70 NEC
LG-I1SE	4.7	42"	71"	22.5"	not required			1200	159.8					
LG-I1SE	5.25	42"	71"	22.5"	not required			1200	178.5					
LG-I1SE	7.0	42"	71"	22.5"	not required			1450	238					
LG-I1SE	8.0	42"	71"	22.5"	not required			1450	272					
LG-I1SE	10.0	42"	71"	22.5"	not required			1820	340					
LG-I1SE	12.0	42"	71"	22.5"	not required			2210	408					
LG-I1SE	14.0	42"	71"	22.5"	not required			2550	476					
LG-I1SE	18.0	42"	71"	22.5"	42"	71"	22.5"	3750	612					
LG-I1SE	21.0	42"	71"	22.5"	42"	71"	22.5"	4375	714					

The LG-I1SE provides the simplicity and reliability that is critical when providing an alternative source of power to any environment. Easy installation ...”simplicity”...connect the LG-I1SE to the emergency circuit(s) and everything is backed up...”reliability”...during a power outage. All lighting connected to the LG-I1SE will simply continue to operate at “full light output”. LUXGUILD LuxPulse© 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 the time. Equipment and lamp life are maximized.

How To Order

Sample Part Number: LG-I1SE - 8.0 - 120/277 - ECM277/3 OCB/277/3/20/1

Series	Power rating	Voltage ¹		Options	Time ³
LG-I1SE	-RW-	-INPUT / OUTPUT-	-INPUT / OUTPUT-	ECM120 - 120 V Environmental control module ² /qty	-Minutes-
LG-I1SE	4.7	120/120	240/120-240	ECM277 - 277 V Environmental control module ² /qty	5
LG-I1SE	5.25	120/277	240/120-277	NOF - Normally off output circuit /Voltage/qty/pole	10
LG-I1SE	7.0	120/480	277/120	NOH - Normally off “Hold On” /Voltage/qty/pole	15
LG-I1SE	8.0	120/120-240	277/277	OCB - Output circuit breakers/voltage/quantify/amps/pole	20
LG-I1SE	10.0	120/120-277	277/480	EPO - Emergency power off	25
LG-I1SE	12.0	208/120	277/120-240	RSSP - Remote Indicator Panel	30
LG-I1SE	14.0	208/277	277/120-277	SNMP - SNMP card	45
LG-I1SE	18.0	208/480	480/120	FC - Form C Contacts	60
LG-I1SE	21.0	208/120-240	480/277	SRB - Seismic rated bracket	90 Standard
LG-I1SE		208/120-277	480/480	STU1 - Onsite start-up	120
LG-I1SE		240/120	480/120-240	IDB - Internal dimmer bypass	180
LG-I1SE		240/277	480/120-277	EMB - External maintenance bypass switch	240
LG-I1SE		240/480		EW - Extended warranty	

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

²One ECM is used per switching device or circuit.

³Consult factory for other run times. Specifications subject to change without notice.

LG-I3SE

Luxfinity Max Three Phase Standby Inverter

Specifications

The Luxfinity 3 maintains efficient AC Emergency Power to operate all emergency lighting fixtures at “full-light” output after the transfer is complete, providing superior dependability and security to commercial/industrial environments in a small footprint.

3 KW - 125 KW



Power Rating

- 3 KW - 125 KW (or 3,000 Watts - 125,000 Watts) three phase output unit uses the latest DSP/PWM technology to provide the most advanced performance and reliability features

Input

- 208Y/120, 480Y/277, 208 or 480VAC input 60Hz

Output

- 208Y/120 or 480Y/277VAC Stand-by design is $\geq 99\%$ efficient at 100% linear load

Batteries

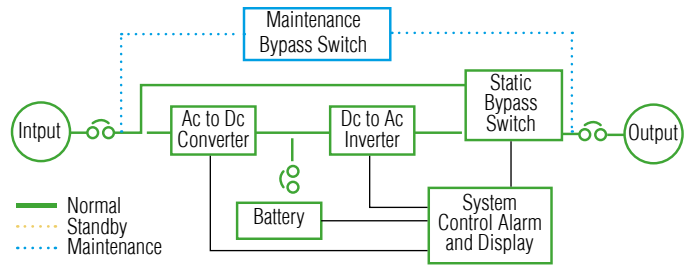
- Sealed, maintenance-free, lead calcium (AGM) batteries
- 10-Year prorated warranty
- DSP/PWM Smart Battery Monitoring System is **TEMPERATURE COMPENSATED** maintaining maximum runtime and battery life
- Microprocessor controlled recharge and DSP/PWM overcharge protection standard

Lamps and Loads

- Emergency power provides FULL LIGHT OUTPUT from all lamps and fixtures for the entire runtime
- Operates fluorescent, compact fluorescent, incandescent, quartz, H.I.D., LED and other lamp types
- Standard or electronic ballasts, dimming devices or panels, sensors and most control equipment
- Standard or LED Exits and other safety equipment

Codes

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



Protection

- Provides overload, surge and undercurrent protection using DSP/PWM technology and LUXGUILD Luxpulse Software to protect system performance and reliability
- Transfer in 16msec - 60msec

Diagnostics And Maintenance

- DSP/PWM technology and LUXGUILD Luxpulse 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

- LUXGUILD 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

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 LUXGUILD phone assisted start-up
- 5-Year powertrain warranty
- Maintenance contracts available

Luxfinity 3 Series	Power Rating	UPS			Battery				Weight	British Thermal Unit	Battery type	Voltage (VAC)		Output Protection	Safety Approvals		
		Cabinet Dimensions			Cabinet Dimensions				Combined			INPUT	OUTPUT				
LG-I3SE	KVA / KW	W	H	D	N°	w	H	D	(lbs)	BTU's							
LG-I3SE	3	42"	71"	22.5"	not required				980	102	Sealed Maintenance free (A.GM) lead calcium	INPUT	OUTPUT	Input and Output circuit breakers standard	UL924 UL1778 NFPA 101 NFPA 70 NEC		
LG-I3SE	4.5	42"	71"	22.5"	not required				1100	153		-Select-					
LG-I3SE	6	42"	71"	22.5"	not required				1350	204							
LG-I3SE	8	42"	71"	22.5"	1	42"	71"	22.5"	1700	272							
LG-I3SE	10	42"	71"	22.5"	1	42"	71"	22.5"	2250	340							
LG-I3SE	12	42"	71"	22.5"	1	42"	71"	22.5"	2700	408							
LG-I3SE	16	42"	71"	22.5"	1	42"	71"	22.5"	2950	544							
LG-I3SE	20	42"	71"	22.5"	2	42"	71"	22.5"	3800	680							
LG-I3SE	24	42"	71"	22.5"	2	42"	71"	22.5"	4350	816							
LG-I3SE	30	42"	71"	22.5"	2	42"	71"	22.5"	5150	1020							
LG-I3SE	40	42"	71"	22.5"	3	42"	71"	22.5"	6790	1360							
LG-I3SE	50	42"	71"	22.5"	3	42"	71"	22.5"	8384	1700							
LG-I3SE	60	50"	71"	32"	Consult Factory					2040							
LG-I3SE	80	50"	71"	32"	Consult Factory					2720							
LG-I3SE	100	50"	71"	32"	Consult Factory					3400							
LG-I3SE	125	50"	71"	32"	Consult Factory					4250							

How To Order

Sample Part Number: LG-I3SE - 12.0 - 208Y/120 208Y/120- EMB OCB/120/3/20/1 - 240

Series	Power rating	Voltage ¹	Options	Time ³
LG-I3SE	-RW-	-INPUT / OUTPUT-	ECM120 - 120 V Environmental control module ² /qty	-Minutes-
LG-I3SE	3.0		ECM277 - 277 V Environmental control module ² /qty	5
LG-I3SE	4.5	208Y/120 - 208Y/120	NOF - Normally off output circuit /Voltage/qty/pole	10
LG-I3SE	6.0	208Y/120 - 480Y/277	NOH - Normally off "Hold On" /Voltage/qty/pole	15
LG-I3SE	8.0	480Y/277 - 208Y/120	OCB - Output circuit breakers/voltage/quantity/amps/pole	20
LG-I3SE	10.0	480Y/277 - 480Y/277	EPO - Emergency power off	25
LG-I3SE	12.0	208 - 208Y/120	RSSP - Remote Indicator Panel	30
LG-I3SE	16.0	208 - 480Y/277	SNMP - SNMP card	45
LG-I3SE	20.0	480 - 208Y/120	FC - Form C Contacts	60
LG-I3SE	24.0	480 - 480Y/277	SRB - Seismic rated bracket	90 Standard
LG-I3SE	30.0		STU3 - Onsite start-up	120
LG-I3SE	40.0		IDB - Internal dimmer bypass	180
LG-I3SE	60.0		EMB - External maintenance bypass switch	240
LG-I3SE	80.0		EW - Extended warranty	
LG-I3SE	100.0		FT - Fast transfer	
LG-I3SE	125.0			

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

²One ECM is used per switching device or circuit.

³Consult factory for other run times. Specifications subject to change without notice.

LG-I1SS

Luxfinity Micro Single Phase Standby Inverter

Specifications

The Luxfinity Micro maintains efficient AC Emergency Power to operate all emergency lighting fixtures at “full-light” output after the transfer is complete, providing superior dependability and security to commercial/industrial environments in a small footprint.

75 W - 300 W



Power Rating

- 75 Watts - 300 Watts single phase output unit uses the latest DSP/PWM technology to provide the most advanced performance and reliability features

Input

- 120V or 277V input 60Hz

Output

- 120V or 277VAC. Stand-by design is $\geq 99\%$ efficient at 100% linear load

Batteries

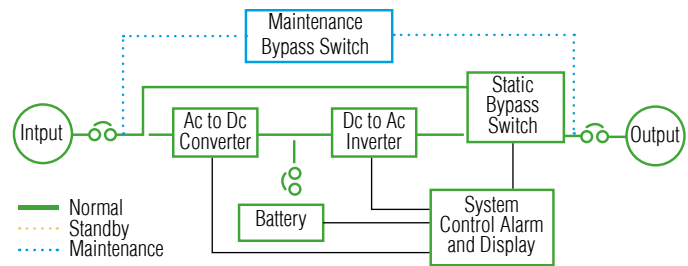
- Sealed, maintenance-free, lead calcium (AGM) batteries
- 10-Year prorated warranty
- DSP/PWM Smart Battery Monitoring System is **TEMPERATURE COMPENSATED** maintaining maximum runtime and battery life
- Microprocessor controlled recharge and DSP/PWM overcharge protection standard

Lamps and Loads

- Emergency power provides FULL LIGHT OUTPUT from all lamps and fixtures for the entire runtime
- Operates fluorescent, compact fluorescent, incandescent, quartz, H.I.D., LED and other lamp types
- Standard or electronic ballasts, dimming devices or panels, sensors and most control equipment
- Standard or LED Exits and other safety equipment

Codes

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



Protection

- Provides overload, surge and undercurrent protection using DSP/PWM technology and LUXGUILD Luxpulse Software to protect system performance and reliability
- Transfer in 16msec - 60msec

Diagnostics And Maintenance

- DSP/PWM technology and LUXGUILD Luxpulse 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

- Space saving small footprint
- Modular design enables flexible installation

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

- LUXGUILD 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

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 LUXGUILD phone assisted start-up
- 5-Year powertrain warranty
- Maintenance contracts available

Micro Series	Power Rating	UPS			Weight	British Thermal Unit	Battery type	Voltage (VAC)		Output Protection	Safety Approvals
		Cabinet Dimensions						Com- bined	INPUT		
LG-I1SS	VA/W	W	H	D	(lbs)	BTU's	Sealed Maintenance free (A.GM) lead calcium	-Select-	-Select-	Input and Output circuit breakers standard	UL924 UL1778 NFPA 101 NFPA 70 NEC
LG-I1SS	75	17.5"	22.5"	8"	45	2.55		120 277	120 277		
LG-I1SS	100	17.5"	22.5"	8"	48	3.4					
LG-I1SS	125	17.5"	22.5"	8"	48	4.25					
LG-I1SS	200	17.5"	22.5"	8"	54	6.8					
LG-I1SS	300	17.5"	22.5"	8"	66	10.2					

The LG-I1SS provides the simplicity and reliability that is critical when providing an alternative source of power to any environment. Easy installation ...”simplicity”...connect theLG-I1SS to the emergency circuit(s) and everything is backed up...”reliability”...during a power outage. All lighting connected to the LG-I1SS will simply continue to operate at “full light output” once the transfer is complete. LUXGUILD LuxPulse© 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 the time.

How To Order

Sample Part Number: LG-I1SS - 150 - 120/120 - NOF/120/1

Series	Power rating	Voltage ¹	Options
LG-I1SS	-RW-	-INPUT / OUTPUT-	ECM120 - 120 V Environmental control module ² /qty
LG-I1SS	75		ECM277 - 277 V Environmental control module ² /qty
LG-I1SS	100	120/120	NOF - Normally off output circuit /Voltage/qty/pole
LG-I1SS	125	120/277	NOH - Normally off “Hold On” /Voltage/qty/pole
LG-I1SS	200	277/120	STUM - Onsite start-up
LG-I1SS	300	277/277	EW - Extended warranty

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

²One ECM is used per switching device or circuit. Specifications subject to change without notice.

LG-I1SM

Luxfinity Mini Single Phase Standby Inverter

Specifications

The Luxfinity Mini maintains efficient AC Emergency Power to operate all emergency lighting fixtures at “full-light” output after the transfer is complete, providing superior dependability and security to commercial/industrial environments in a small footprint.

75 W - 300 W



Power Rating

- 350 Watts - 2000 Watts single phase output unit uses the latest DSP/PWM technology to provide the most advanced performance and reliability features

Input

- 120V, 208V, 240V, 277V or 480V input 60Hz

Output

- 120V, 208V, 240V, 277V or 480V input 60Hz

Batteries

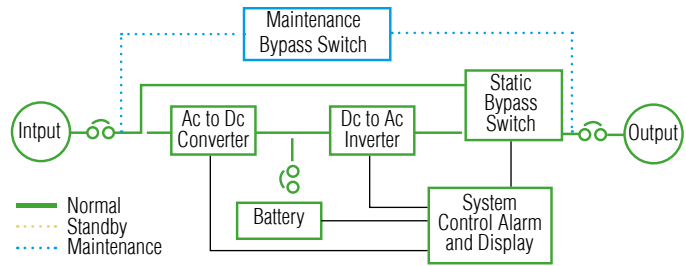
- Sealed, maintenance-free, lead calcium (AGM) batteries
- 10-Year prorated warranty
- DSP/PWM Smart Battery Monitoring System is **TEMPERATURE COMPENSATED** maintaining maximum runtime and battery life
- Microprocessor controlled recharge and DSP/PWM overcharge protection standard

Lamps and Loads

- Emergency power provides FULL LIGHT OUTPUT from all lamps and fixtures for the entire runtime
- Operates fluorescent, compact fluorescent, incandescent, quartz, H.I.D., LED and other lamp types
- Standard or electronic ballasts, dimming devices or panels, sensors and most control equipment
- Standard or LED Exits and other safety equipment

Codes

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



Protection

- Provides overload, surge and undercurrent protection using DSP/PWM technology and LUXGUILD Luxpulse Software to protect system performance and reliability
- Transfer in 16msec - 60msec

Diagnostics And Maintenance

- DSP/PWM technology and LUXGUILD Luxpulse 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

- Space saving small footprint
- Modular design enables flexible installation

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

- LUXGUILD 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

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 LUXGUILD phone assisted start-up
- 5-Year powertrain warranty
- Maintenance contracts available

Micro Series	Power Rating	UPS			Weight Com- bined (lbs)	British Thermal Unit BTU's	Battery type	Voltage (VAC)		Output Protection	Safety Approvals
		Cabinet Dimensions						INPUT	OUTOUT		
LG-I1SM	VA/W	W	H	D				-Select-	-Select-		
LG-I1SM	350	24"	26"	16"	340	11.9	Sealed Maintenance free (A.GM) lead calcium	120	120	Input and Output circuit breakers standard	UL924 UL1778 NFPA 101 NFPA 70 NEC
LG-I1SM	525	24"	26"	16"	340	17.85		208	277		
LG-I1SM	700	24"	26"	16"	370	23.8		240	480		
LG-I1SM	750	24"	26"	16"	370	25.5		277	120/240		
LG-I1SM	875	24"	26"	16"	370	29.75		480	120/277		
LG-I1SM	1050	24"	26"	16"	440	35.7					
LG-I1SM	1400	24"	26"	16"	460	47.6					
LG-I1SM	2000	24"	26"	16"	600	68					

The LG-I1SM provides the simplicity and reliability that is critical when providing an alternative source of power to any environment. Easy installation ...”simplicity”...connect theLG-I1SM to the emergency circuit(s) and everything is backed up...”reliability”...during a power outage. All lighting connected to the LG-I1SM will simply continue to operate at “full light output” once the transfer is complete. LUXGUILD LuxPulse© 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 the time.

How To Order

Sample Part Number: LG-I1SM- 1050 - 208/120 - OCB/120/3/20/1 NOF/120/1 - 120

Series	Power rating	Voltage ¹		Options	Time ³
LG-I1SM	-RW-	-INPUT / OUTPUT-	-INPUT / OUTPUT-	ECM120 - 120 V Environmental control module ?/qty	-Minutes-
LG-I1SM	350	120/120	240/120-240	ECM277 - 277 V Environmental control module ?/qty	5
LG-I1SM	525	120/277	240/120-277	NOF - Normally off output circuit /Voltage/qty/pole	10
LG-I1SM	700	120/480	277/120	NOH - Normally off "Hold On" /Voltage/qty/pole	15
LG-I1SM	750	120/120-240	277/277	OCB - Output circuit breakers/voltage/quantify/amps/pole	20
LG-I1SM	875	120/120-277	277/480	EPO - Emergency power off	25
LG-I1SM	1050	208/120	277/120-240	RSSP - Remote Indicator Panel	30
LG-I1SM	1400	208/277	277/120-277	SNMP - SNMP card	45
LG-I1SM	2000	208/480	480/120	FC - Form C Contacts	60
LG-I1SM		208/120-240	480/277	SRB - Seismic rated bracket	90 Standard
LG-I1SM		208/120-277	480/480	WB - Wall mounted bracket	120
LG-I1SM		240/120	480/120-240	IDB - Internal dimmer bypass	180
LG-I1SM		240/277	480/120-277	EMB - External maintenance bypass switch	240
LG-I1SM		240/480		EW - Extended warranty	

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

²One ECM is used per switching device or circuit. Specifications subject to change without notice.

LG-I1SP

Luxfinity Mini Single Phase Standby Inverter

Specifications

The LG-I1SP maintains efficient AC Emergency Power to operate all emergency lighting fixtures at “full-light” output, after the transfer is complete, providing superior dependability and security to commercial/industrial environments in a small footprint.

2.4 KW - 4.2 KW



Power Rating

- 2.4 KW - 4.2 KW (or 2,400 Watts - 4,200 Watts) single phase output unit uses the latest DSP/PWM technology to provide the most advanced performance and reliability features

Input

- 120V, 208V, 240V, 277V or 480V input 60Hz

Output

- 120V, 277V, 480V, 120/240 or 120/277VAC output 60Hz. Stand-by design is $\geq 99\%$ efficient at 100% linear load

Batteries

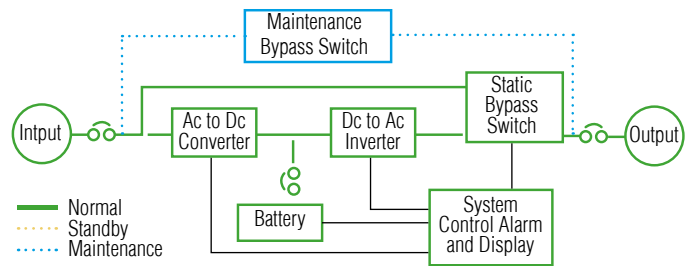
- Sealed, maintenance-free, lead calcium (AGM) batteries
- 10-Year prorated warranty
- DSP/PWM Smart Battery Monitoring System is **TEMPERATURE COMPENSATED** maintaining maximum runtime and battery life
- Microprocessor controlled recharge and DSP/PWM overcharge protection standard

Lamps and Loads

- Emergency power provides FULL LIGHT OUTPUT from all lamps and fixtures for the entire runtime
- Operates fluorescent, compact fluorescent, incandescent, quartz, H.I.D., LED and other lamp types
- Standard or electronic ballasts, dimming devices or panels, sensors and most control equipment
- Standard or LED Exits and other safety equipment

Codes

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



Protection

- Provides overload, surge and undercurrent protection using DSP/PWM technology and LUXGUILD Luxpulse Software to protect system performance and reliability
- Transfer in 16msec - 60msec

Diagnostics And Maintenance

- DSP/PWM technology and LUXGUILD Luxpulse 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

- Space saving small footprint
- Modular design enables flexible installation

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

- LUXGUILD 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

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 LUXGUILD phone assisted start-up
- 5-Year powertrain warranty
- Maintenance contracts available

Luxfinity Plus Series	Power Rating	UPS			Weight Com- bined	British Thermal Unit	Battery type	Voltage (VAC)		Output Protection	Safety Approvals
		W	H	D				INPUT	OUTOUT		
LG-I1SP	VAV				(lbs)	BTU's	Sealed Maintenance free (A.GM) lead calcium	-Select-	-Select-	Input and Output circuit breakers standard	UL924 UL1778 NFPA 101 NFPA 70 NEC
LG-I1SP	2.4	26"	44"	26"	700	81.6		120	120		
LG-I1SP	2.6	26"	44"	26"	700	88.4		208	277		
LG-I1SP	3.0	26"	44"	26"	800	102		240	480		
LG-I1SP	3.4	26"	44"	26"	800	115.6		277	120/240		
LG-I1SP	3.8	26"	44"	26"	800	129.2		480	120/277		
LG-I1SP	4.2	26"	44"	26"	920	142.8					

The LG-I1SP provides the simplicity and reliability that is critical when providing an alternative source of power to any environment Easy installation ...”simplicity”...connect theLG-I1SP to the emergency circuit(s) and everything is backed up...”reliability”...during a power outage. All lighting connected to the LG-I1SP will simply continue to operate at “full light output” once the transfer is complete. LUXGUILD LuxPulse© 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 the time.

How To Order

Sample Part Number: LG-I1SP - 4.2 - 277/277 - ECM277/3 OCB/277/3/20/1 - 90

Series	Power rating	Voltage ¹		Options	Time ³
LG-I1SP	-RW-	-INPUT / OUTPUT-	-INPUT / OUTPUT-	ECM120 - 120 V Environmental control module ?/qty	-Minutes-
LG-I1SP	2.4	120/120	240/120-240	ECM277 - 277 V Environmental control module ?/qty	5
LG-I1SP	2.6	120/277	240/120-277	NOF - Normally off output circuit /Voltage/qty/pole	10
LG-I1SP	3.0	120/480	277/120	NOH - Normally off "Hold On" /Voltage/qty/pole	15
LG-I1SP	3.4	120/120-240	277/277	OCB - Output circuit breakers/voltage/quantify/amps/pole	20
LG-I1SP	3.8	120/120-277	277/480	EPO - Emergency power off	25
LG-I1SP	4.2	208/120	277/120-240	RSSP - Remote Indicator Panel	30
LG-I1SP		208/277	277/120-277	SNMP - SNMP card	45
LG-I1SP		208/480	480/120	FC - Form C Contacts	60
LG-I1SP		208/120-240	480/277	SRB - Seismic rated bracket	90 Standard
LG-I1SP		208/120-277	480/480	STU1 - Onsite start-up	120
LG-I1SP		240/120	480/120-240	IDB - Internal dimmer bypass	180
LG-I1SP		240/277	480/120-277	EMB - External maintenance bypass switch	240
LG-I1SP		240/480		EW - Extended warranty	

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

²One ECM is used per switching device or circuit. Specifications subject to change without notice.

LGSPS SERIES INVERTERS

EMERGENCY POWER SYSTEMS

Description

- Mini-electrical inverter systems for powering up to 220W/250VA of incandescent, fluorescent, induction or LED lighting loads. Pulse width modulated (PWM) output design provides clean, 60Hz. sinusoidal emergency power to loads.
- Models are available for surface, recessed or T-Grid mounting as required.

STANDARD



Electrical

INPUT

- Input Voltages: 120 or 277VAC $\pm 10\%$
- Input Frequencies: 60Hz $\pm 2\%$
- Input Protection: AC Line Fuses

OUTPUT

- Output Voltages: (60Hz) 120 or 277VAC
- Waveform: Sinusoidal (digitally controlled)
- Output Frequencies: 60Hz. $\pm 0.3\text{Hz}$ during emergency cycle
- Output Distortion: Less than 3% THD (linear load)
- Output Protection: Line and inverter fuses

Mounting

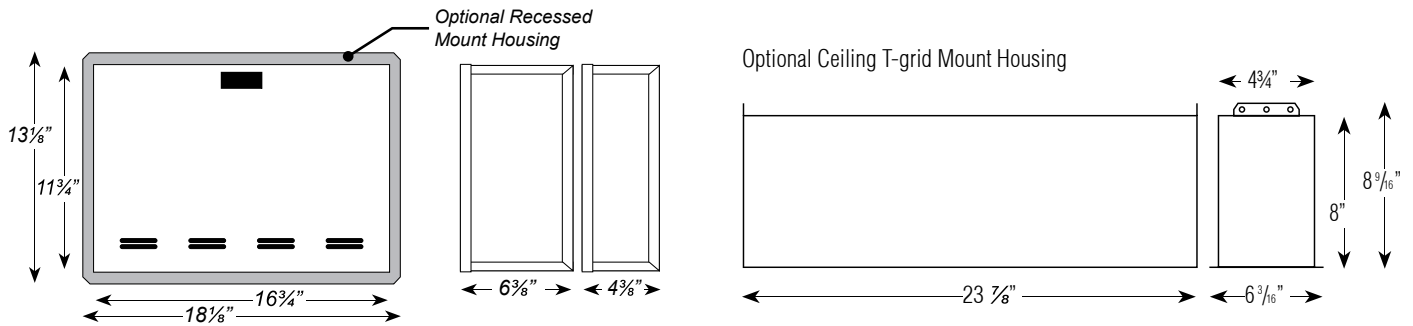
- Surface Mount (Standard Models): Surface mount models are designed for mounting to walls by means of keyhole slots provided in the back of the unit housing.

- Recess Mount (LGSPS-55/125, LGSPS-110/125 Only): Recess models provide recess mounting holes on both sides of the enclosure.
- T-Grid Mount (LGSPS-55/125, LGSPS-110/125 Only): Housing design allows simple drop-in installation between T-grid runs. Safety wires (supplied by others) are required for attachment to building structure.

Housing

- Heavy duty steel cabinet is finished in white baked-on powderpaint providing scratch and corrosion resistance.
- Optional special color paint (-SP) finishes are available, consult factory.

Dimensions



Warranty / Listing



- Unit: (excluding lamps) Full coverage against defects in materials and workmanship for 3 years from date of shipment.
- Battery: 3 years full warranty plus an additional 7 years of pro-rata coverage.
- All models are UL924 Listed and meet NFPA 101 Life Safety Code, NEC, OSHA, Local and State Codes. Optional T-Grid models are plenum rated.

How To Order

Sample Part Number: LGSPS-55-55-S

Series	Wattage	Varanting	Options	
LGSPS	55 ¹	55	-S	Surface Mount Housing
	1 10	110	-R	Recess Mount Housing ³
	220 ²	110	-T	Plenum Rated Ceiling T-Grid Mount Housing ³
		220	-SP	Special Housing Color (specify)
			-AC	Special Housing Color (specify)

(1) Available only with 125 VA Rating

(2) Available only with 250 VA Rating

(3) Available with 55/125 and 110/125 models only

LGMPs SERIES INVERTERS

EMERGENCY MICRO POWER SYSTEMS

Description

- LGMPs Series inverter systems are designed to provide sinusoidal AC emergency power to connected incandescent, fluorescent or LED fixtures of between 20 and 55 watts.
- Surface, recessed or ceiling T-Grid mount models are designed for easy installation either on or near controlled fixtures. LGMPs models support Normally-ON, Normally-OFF or SWITCHED operation.

STANDARD



Electrical

INPUT

- Input Voltages: (60Hz) 120 or 277VAC $\pm 10\%$
- Input Frequencies: 60Hz $\pm 2\%$
- Input Protection: Provided by Service Panel, Rated 20A max.

OUTPUT

- Output Voltages: (60Hz) 120 or 277VAC
- Waveform: Sinusoidal (digitally controlled)
- Output Frequencies: 60Hz. $\pm 0.3\text{Hz}$ during emergency cycle
- Output Distortion: Less than 3% THD (linear load)
- Output Protection: Inverter fuse

Mounting

- Surface Mount: (Standard Models): Surface mount models are designed for mounting to walls by means of keyhole slots provided in the back of the unit housing.

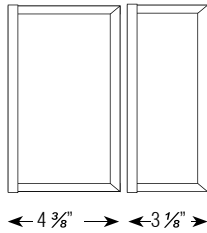
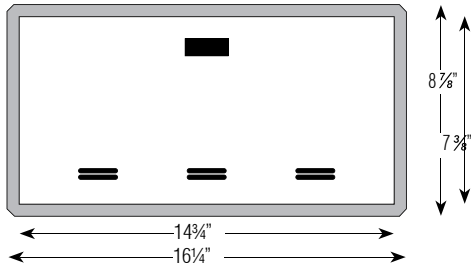
- Recess Mount: Recess models provide recess mounting holes on both sides of the enclosure.
- T-Grid Mount: Housing design allows simple drop-in installation between T-grid runs. Safety wires (supplied by others) are required for attachment to building structure.

Housing

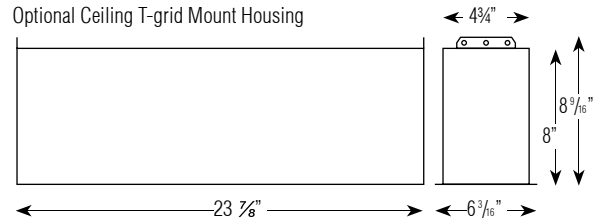
- Heavy duty steel cabinet is finished in white baked-on powderpaint providing scratch and corrosion resistance.
- Optional special color paint (-SP) finishes are available, consult factory.

Dimensions

Standard Surface Mount Housings



Optional Ceiling T-grid Mount Housing



Warranty / Listing



- Unit: (excluding lamps) Full coverage against defects in materials and workmanship for 3 years from date of shipment.
- Battery: 3 years full warranty plus an additional 7 years of pro-rata coverage.
- All models are UL924 Listed and meet NFPA 101 Life Safety Code, NEC, OSHA, Local and State Codes. Optional T-Grid models are plenum rated.

How To Order

Sample Part Number: LGMPS-S-32-SMH

Series	Wattage 55 ¹	Varanting		Options
		WATTS	VA	
LGMP5-32	- S	32	125	Surface Mount Housing
LGMP5-32	- R	55	125	Recess Mount Housing
LGMP5-32	- T	20	250	Plenum Rated Ceiling T-Grid Mount Housing
LGMP5-32	-SP	35	250	Special Housing Color (specify)

(1) Other options available. Consult factory

(2) Some options may impact product UL listing. Consult factory.