



Quick Ship Inverter Program



Illuminator LVM 110VA or 225VA

Illuminator LV 175VA, 350VA, 550VA or 750VA

Illuminator EM 1.0kVA, 1.6kVA, 2.2kVA or 2.8kVA

Emergency Inverters Shipped In 5 Days Or Less

Program Details

- ✓ LV, LVM and EM Systems
- ✓ All Options Available
- ✓ No Minimum Quantities
- ✓ Will Call Pick Up Available
- ✓ Shipping Available From Bethlehem, PA and Santa Ana, CA

Product	Height (in.)	Width (in.)	Depth (in.)	Total System Weight (lbs)
LVM 110VA (Wall)	14.75	16.25	4.25	37
LVM 110VA (Grid)	7.5	8	23.875	37
LVM 225VA (Wall)	23.25	16.25	4.25	60
LVM 225VA (Grid)	7.5	8	23.875	60
LV 175VA (Wall)	17.75	14.25	6.5	55
LV 175VA (Grid)	7.5	8	23.875	55
LV 350VA	22	19	9.25	100
LV 550VA	22	19	9.25	130
LV 750VA	22	25.25	9.25	180
EM 1.0kVA	28	25	11	281
EM 1.6kVA	44	25	11	405
EM 2.2kVA	44	25	11	494
EM 2.8kVA	55	25	11	603

Ordering Guide

Illuminator LVM Series Single Phase

Example: 1-LVM-1-W, 120VAC, LVM series inverter, Input/Output 110VA, with the wall mount bracket option

INPUT/OUTPUT VOLTAGE	SERIES	VA/W	OPTIONS	ACCESSORIES
1 - 120VAC	LVM - ILLUMINATOR LVM	1 - 110	G - Grid mount (plenum rated)	RT - Remote test panel
2 - 277VAC		2 - 225	W - Wall mount bracket	
			D - 0-10V dimming ¹	'Not available with grid mount option

Illuminator LV Series Single Phase

Example: LV-2-R-2-B1503-F-R, standard LV series inverter, 350W, standard red enclosure, internal meter panel, (3) 15 Amp circuit breakers normally on, fast charge option, infrared remote test switch

SYSTEM TYPE	VA/W	ENCLOSURE COLOR	MODEL TYPE	OUTPUT BREAKERS			OPTIONS		ACCESSORIES	START-UP
				OUTPUT	AMP RATING	QUANTITY				
LV -Standard	1 - 175W	R - Red (standard)	1 - Standard (UL924) ⁷	(blank) - None	5	01	B - Floor mount ¹⁸	I - I/O Board ¹⁴	HH - Hand held meter panel (can be used with multiple units) ⁴	LVST - Start Up LV Series & same day training
L VH - OSHPD, shaker table tested (not available with 175W grid mount)	2 - 350W	W - White	2 - Internal meter panel and advanced testing and logging (UL924 and NFPA 101 ^{8,9,10}) ⁷	B - Normally on	10	02	C - Status monitoring contacts ⁹	O - Three second output transfer delay ⁵	RMP - Remote meter panel (one per system) ⁴	
	3 - 550W	G - Grey	3 - Advance testing and logging (UL924 and NFPA 101 ^{8,9,10}) ^{7,6,7}	N - Normally off ¹⁶	15	03	D - NEMA 2R drip top	R - Infrared remote test	RT - Remote test switch / indicator ¹²	
	4 - 750W	B - Black		S - Switched ¹⁷	20	04	DR - Dimming relay, breaks 0-10V dimming signal ¹⁵	S - Battery strapping ⁷	LF - TVSS line filter	
						05	EB - email with BACnet capability ^{5,8,11}	U - USB mass storage ⁵		
						06	F - Fast charge option	W - Recessed wall mount (175W only)		
							G - Grid mount ^{2,3}	Z - Zone monitoring ^{5,10}		
							H - BACnet ^{5,8}			

- Not available with grid mount option
- Only available for white cabinets
- Not OSHPD Rated
- Requires model Type 3
- Requires model Type 2 or 3
- Requires HH or RMP option to retrieve data
- No meter panel included
- Not available with options C, I or Z
- Not available with options H, I or Z
- Not available with options C, H or I
- Includes BACnet Option (H)
- Only available on Type 1
- Not available with recessed wall mount
- Not available C, H or Z
- Requires 1 Option
- Not available when using switched output
- Maximum of 3 switched outputs--each with 10 amp circuit breaker. 1 switch output max on 175VA
- Not available on 175W

Illuminator EM Series Single Phase

Example: 1-EM-1-S-BA2007-A-2YW, 120VAC, EM Series, Input/Output 1KVA, Single Phase, Normally On 120V, 20amp, 7 Breakers, with the remote summary alarm panel and 2 year warranty

INPUT/OUTPUT VOLTAGE	SERIES	KVA/KW	BATTERY TYPE	OUTPUT BREAKERS				OPTIONS		WARRANTY
				OUTPUT	VOLTAGE	AMP RATING	QUANTITY			
1 - 120VAC	EM - ILLUMINATOR EM	1 - 1.0	S - Standard (VRLA)	(blank) - None	A - 120	10	01	A - Remote Summary Alarm Panel	O - Three second output transfer delay ⁵	2YW - Factory Start-Up Extended 2-Year Warranty
2 - 120 - 120/277VAC ⁹		2 - 1.6		B - Normally on	B - 208	16	02	BAC - BACnet (MS/TP Protocol)	P - Remote Status Alarm Panel	5YP - 5-Year Preventative Maintenance Plan, Start-Up Included
3 - 208 - 120VAC ⁹		3 - 2.2		N - Normally off ⁹	C - 240	20	03	C - Status monitoring contacts ⁹	S - Summary Fault Dry Form C Contacts	5YW - 5-Year Extended Electronics Warranty
4 - 240 - 120/240VAC ⁹		4 - 2.8			D - 277	25	04	D - NEMA 2R Drip Top	T - Output Trip (Supervised) Alarm	SMP - Service Monitoring Plan ⁷
5 - 277 - 120VAC ⁹					Z - Other ¹¹	32	05	EB - Email modem with BACnet capability ^{5,8,11}	W - Wall Mount Brackets	
6 - 277 - 277VAC							06	F - Floor Mount Base	X - Zone Monitoring	
7 - 277 - 277/120VAC ⁹							07	I - Inverter on Dry Form C Contacts	Y - Battery Strapping	
8 - 208 - 120/240VAC ⁹							08	L - Load Control Relay ²	Z - Seismic / Raised Floor Mounting Bracket	
9 - 208 - 120/208VAC ⁹							09	M - Maintenance Bypass ⁴	ACCESSORIES	
10 - Other Voltages ¹¹							10		MODB - Modem EMBP - External Maintenance Bypass Switch ^{4,5,10,11} SNMP - Network Interface Device	

- Only single phase voltages available.
- KVA=KW
- Maximum output breakers available: 10 unsupervised (1- s1- f - pole), 6 supervised (1-pole). Breakers provided are 20A unless specified otherwise. A 2-pole breaker occupies 2 positions.
- Maintenance bypass switch is a "make before break".
- Contact factory for load control applications.
- One year warranty is standard.
- Requires Factory Start-up and E-mail/Modem options. This program will provide monitoring of the lighting inverter system by our factory service department. All monthly and yearly system tests will be reviewed by our factory service department for early warning signs of any system malfunction. Any system alarms and monthly/yearly test results will automatically be E-mailed to our service department where corrective action can be taken. While under warranty, if necessary, a factory authorized service technician will be scheduled to complete any necessary repairs. This monitoring program will require a dedicated telephone line.
- Circuit breaker protection provided.
- Enclosure height may increase. Contact factory.
- Cannot purchase External Maintenance Bypass Switch with Branch Circuit Breaker option.
- Not available for quick ship.