

USALP3 Series Inverter

Specifications: The USALP3 maintains efficient AC Emergency Power to operate all elevators, providing superior dependability and security to commercial/industrial environments in a small footprint.

Power Rating: 5 kVA - 80 kVA output uses the latest technology to provide the most advanced performance and reliability features.

PROTECTION:

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

INPUT: 208, 240, 480 VAC input 60Hz

OUTPUT: 208, 240, 480 is 92 efficient at 100 linear load

BATTERIES:

- 10 Minutes Standard (Consult Factory for 90 minutes or greater).
- Sealed, maintenance-free, lead calcium (AGM) batteries.
- 10-Year prorated warranty.
- Smart Battery Monitoring System is TEMPERATURE COMPENSATED maintaining maximum run-time and battery life.
- Microprocessor controlled recharge and over-charge protection standard.

CODES:

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

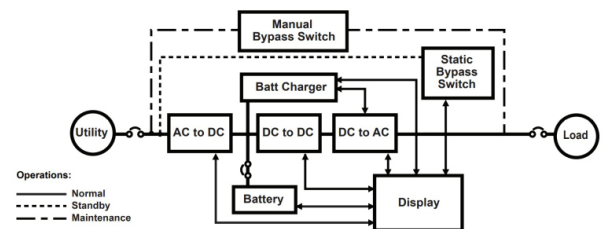
REGEN POWER: Designed to convert regenerated power from the elevator to recharge the battery during a power outage. USALP3 operates in stand-by mode when utility power is available allowing the regenerative elevated power to be absorbed into the building emulating normal utility operating conditions.

DIAGNOSTICS AND MAINTENANCE:

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

CABINET:

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



Warranty:

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

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: We can offer numerous optional devices to meet unusual or difficult application parameters.

ECM - Environmental Circuit Module allows fixtures and lamps on the emergency circuit(s) to be operated by normal switching and/or dimming devices in NON-emergency conditions.

Model	Power Rating	UPS Cabinet (@ 10min Runtime)			Battery Cabinet (@ 10min Runtime)				Combined Weight	British Thermal Unit	Battery Type	Voltage(VAC)	Input/Output Protection	Safety Approvals
	kVA/kW	W	H	D	No.	W	H	D	(lbs)	BTU		Input / Output		
USALP3	3	50"	71"	32"	N/A				TBD	816	Sealed Lead Acid (SLA)	208VAC or 408VAC (Consult Factory for Others)	Circuit Breaker Standard	UL924 UL1778 NFPA101 NFPA70 (NEC)
	3.4	50"	71"	32"						924.8				
	3.8	50"	71"	32"						1033.6				
	4	50"	71"	32"						1088				
	4.2	50"	71"	32"						1142.4				
	4.5	50"	71"	32"						1224				
	4.7	50"	71"	32"						1278.4				
	5.25	50"	71"	32"						1428				
	6	50"	71"	32"						1632				
	7	50"	71"	32"						1904				
	8	50"	71"	32"						2176				
	10	50"	71"	32"						2720				
	12	50"	71"	32"						3264				
	12.5	50"	71"	32"						3400				
	14	50"	71"	32"						3808				
	16	50"	71"	32"						4352				
	18	50"	71"	32"						4896				
	20	50"	71"	32"						5440				
	21	50"	71"	32"						5712				
	24	50"	71"	32"	1	42"	71"	22.5"		6528				
	30	50"	71"	32"	1	42"	71"	22.5"		8160				
	40	50"	71"	32"	1	42"	71"	22.5"		10880				
	50	50"	71"	32"	1	50"	71"	32"		13600				
	60	50"	71"	32"	Consult Factory					16320				
	80	50"	71"	32"						21760				

The USALP3 provides the simplicity and reliability that is critical when providing an alternative source of power to any environment. Easy installation ... "simplicity" ... connect the USALP3 to the emergency circuit(s) and everything is backed up ... "reliability" ... during a power outage. USALP3 will simply continue to operate at "full elevation operation." The watchdog© software keeps your environment safe while self-diagnostics help maintain equipment to a high standard. Superior surge suppression assures the highest quality of power being delivered to all loads all time. Equipment, elevator, and lamp life are maximized. We sincerely hope you never experience a real emergency, but if you do, you deserve the security, safety and peace of mind that the USALP3 ensures.

ORDERING INFORMATION

Example: USALP3 - 15 - 208 - 208 10 (minutes of KVA backup. Consult Factory for 90 minutes or greater)

USALP3				
FAMILY	POWER RATING	VOLTAGE ¹	OPTIONS	TIME ³
USALP3	KVA	Input - Output	OCB - Output circuit breakers / voltage / quantity / amps / pole	Minutes
	5	240 - 240	EPO - Emergency power off	5
	10	208 - 208	RSSP - Remote Indicator Panel	10 (Standard)
	15	480 - 480	SNMP - SNMP Card	15
	20		FC - Form C Contacts	20
	30		SRB - Seismic rated bracket	25
	50		STU3 - Onsite start-up	30
	80		*EMB - External maintenance bypass switch	45
	100		EW - Extended warranty	60
	120			90
	150			120
				180
				240
				300