

STACO SEL

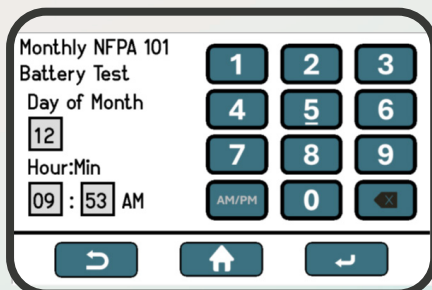
SINGLE PHASE EMERGENCY LIGHTING INVERTER (UL 924)

0.675 kW-10.0 kW | 120/208/240/277/480V

APPLICATIONS INCLUDE

- Educational Facilities
- Healthcare Facilities
- Bridges and Tollbooths
- Sports Arenas
- Retail Stores and Movie Theaters
- Transit Infrastructure
- Hotels and Casinos
- Office and Industrial Complexes
- Government Buildings
- Data Centers, Colocations, and Mission Critical

HMI TOUCHSCREEN



StacoSEL	Specification Small					Specification Medium			
KW Size	0.675	0.9	1.35	1.8	2.7	4.2	6	8	10
Topology	Line Interactive					Double Conversion			
V - Input	120 / 208 / 240 / 277 / 480Vac								
Input Range	+ / - 10% Typical					+ 10 / -20 Typical			
V - Output	120 / 208 / 240 / 277 / 347 / 480Vac (Dual Output Voltages available)								
Output Range	+ / - 10% Typical					+ / - 1% Typical			
Transfer Time	6 ms					0 ms			
Waveform	AC sinewave – all operational modes								
Temperature	32-104F (0-40C) : Optimal Battery Life is 77F								
Humidity	0 – 95% Non-condensing								
Altitude	3,280 feet (1000m)								
Comms	RS232 and USB Standard features								
UL Listing	UL 924 / UL 924 OUST / UL 1778								
Conformance	NFPA 101 / NFPA 70 / NEC & OSHA regulations								
Compliance	Buy American Act / City of New York / City of Chicago								
OPTIONAL	Up to 10 distribution breakers					Up to 20 distribution breakers			
OPTIONAL	TCP/IP with SNMP / ModBus / BACNET								
OPTIONAL	Output Dry Contacts 1A @ 24Vdc								
OPTIONAL	Integrated Manual Bypass Switch								
Dimensions	25.2"W x 25.23"D x 58.31"H					30.2"W x 31"D x 71.32"H			
KW Size	0.675	0.9	1.35	1.8	2.7	4.2	6	8	10
Weight (lb's)	700	755	805	965	1060	1604	1978	2146	2296

The safe choice for your emergency egress building lighting support.

PRODUCT SELECTION CONVENTION

MODEL NUMBER SELECTOR

SEL

ModelCapacityVoltageOptionsOutput Protection DevicesCustom

Model	Capacity ^{5,6,7}	Input Voltage	Output Voltage		Cabinet	Communication ⁴	Maintenance Bypass	Runtime	Normally Off Hold	Output Circuit Breakers				Custom Options
			1	2						Output Voltage 1		Output Voltage 2		
										Qty	Type ¹	Qty	Type ²	
SEL	006 0.675 kW	1 120VAC	1 120VAC	0 Single Output	A NEMA 1	1 None	A Standard	A 90 mins	X None	00-20	X None	00-20	X None	— None DF Dead front panels LB Batteries shipped separately 78 UL 1778 Only DM Dimmer dry contacts ³ OM OCB Monitoring
	009 0.900 kW	2 208VAC	2 208VAC		B NEMA 12	2 SNMP Card	B Internal Maintenance Bypass Switch	B 120 mins		1 Output 1	A 15A, 1-Pole	A 15A, 1-Pole		
	013 1.35kW	3 240VAC	3 240VAC		C NEMA 3R	3 Dry Contacts ⁸ (serial)	D 240 mins	C 60 mins	B 20A, 1-Pole	B 20A, 1-Pole				
	018 1.8 kW	4 480VAC	4 480VAC		D NEMA 4X			E 180 mins	C 25A, 1-Pole	C 25A, 1-Pole				
	027 2.7 kW	5 277VAC	5 277VAC		E MINI FRAME	4 Dry Contacts ⁸ (hardwired)	F 30 mins	D 30A, 1-Pole	D 30A, 1-Pole					
	042 4.2 kW							F 30 mins	E 35A, 1-Pole	E 35A, 1-Pole				
	060 6.0 kW				5 Environmental Kit + SNMP Card	F 30 mins	F 40A, 1-Pole	F 40A, 1-Pole						
	080 8.0 kW					G 50A, 1-Pole	G 50A, 1-Pole							
	100 10.0 kW					H 60A, 1-Pole	H 60A, 1-Pole							
						K 15A, 2-Pole	K 15A, 2-Pole							
						L 20A, 2-Pole	L 20A, 2-Pole							
						M 25A, 2-Pole	M 25A, 2-Pole							
						N 30A, 2-Pole	N 30A, 2-Pole							
						P 35A, 2-Pole	P 35A, 2-Pole							
						Q 40A, 2-Pole	Q 40A, 2-Pole							
						R 50A, 2-Pole	R 50A, 2-Pole							
				S 60A, 2-Pole	S 60A, 2-Pole									
				T 80A, 2-Pole	T 80A, 2-Pole									

1 Up to 10 poles can be housed on the 0.675 - 2.7 kW inverters
2 Up to 20 poles can be housed on the 4.2 - 18.0 kW inverter
3 Dimmer Option uses 3 Pole Positions; allows for 1 zone override
4 Only One Communication Selection
5 0.675-2.7 kW "Line Interactive"
6 4.2-10 kW "Double Conversion"
7 USL series for 10.8, 16.0, 18.0 kW. USL series for Mini-Frame Option; 0.675 to 1.35 kW.
8 Standard on all units; For Mini-Frame, all Dry Contacts are optional

LINE INTERACTIVE TECHNOLOGY: 0.675-2.7 KW

Operation: Normal: — Standby: - - - Maintenance:

SEL Standard Features

- 90 Minute Battery
- Main Input & Output Circuit Breaker
- DC Battery Circuit Breaker & Back feed Protection Relay
- Multiple Input & Output Voltage Configurations
- Dual Output Voltage Capabilities

DOUBLE CONVERSION TECHNOLOGY: 4.2 - 10 KW

Operation: Normal: — Standby: - - - Maintenance:

SEL Available Options

- Alternate Battery Runtimes: 240 / 180 / 120 / 60 / 30 mins
- Customized Output Distribution Breakers
- Monitored Output Distribution Breakers
- Form C Contacts
- TCP/IP w/SNMP / ModBus / BacNet
- Seismic Kit

WARRANTY

ELECTRONICS

A full Year with Telephone Startup is standard. Two Years with purchase of Factory Field Startup.

BATTERY

A full One Year Warranty on the Battery System ensures that your batteries are protected from system failure now and in the future. Extended warranties, customized service plans and preventative maintenance are also available. Please refer to our warranty statement for complete details.