

Project		Catalog #		Type	
Prepared by		Notes		Date	



# Sure-Lites

## INVW-T Series

Outdoor-Rated Emergency Lighting Inverter  
 Three Phase output from 4 kW/kVA to 10 kW/kVA

**Typical Applications**  
 Office • Education • Healthcare • Hospitality • Retail • Industrial • Manufacturing

- Interactive Menu**
  - Order Information page 2
  - Product Warranty

### Product Certification



### Product Features



### Top Product Features

- Provides 90 minutes of run time during a power outage
- For use with LED, HID, fluorescent, incandescent or halogen technology
- Self-diagnostics are standard
- 3 phase output from 4 to 10 kW/kVA
- UL listed for wet location; 10°C to 40°C
- NEMA 3R Enclosure

### General Specifications

Electronics Module						Cabinet Dimensions				Batteries				
Model Reference	Power Rating (kW/kVA)	No. of Phases	Efficiency @ Full Load	Audible Noise (dBA @ 1m)	Heat Loss (BTU)	Width (in/cm)	Height (in/cm)	Depth (in/cm)	Weight (lbs/kg)	Weight (lbs/kg)	No.of Batteries	Voltage (VDC)	Current (Amperes)	Run Time (mins)
INVW-T-4	4.0	3	98	45	326	48/122	76/193	30/76	995/451	888/403	12	144	39	90
INVW-T-5	5.0	3	98	45	408	48/122	76/193	30/76	995/451	1110/504	15	180	39	90
INVW-T-6	6.5	3	98	45	544	48/122	76/193	30/76	995/451	1480/672	20	240	39	90
INVW-T-8	8.0	3	98	45	680	48/122	76/193	30/76	1099/499	1776/806	24	144	81	90
INVW-T-10	10.0	3	98	45	680	48/122	76/193	30/76	1099/499	1776/806	24	144	81	90

Order Information

SAMPLE ORDER NUMBER: INVW-T-4-A-S-120-BA2007-F

Series	Phase	KVA/KW	Voltage Input/Output	Battery Type	Run Time
INVW=Inverter Wet Location Listed, Outdoor Rated	T=Three Phase	4=4.0 5=5.0 6=6.5 8=8.0 10=10.0	A=120/208-120/208 B=277/480-277/480	S=Standard (VRLA) G=Long Life (10 year)	[Blank]=90 min 120=120 min <sup>(2)</sup>
			Notes (1) Other voltages available. Contact factory.		Notes (2) Optional 120 min run time not available on 10KVA unit.

Output Breakers				Options	Warranty
Output Breakers <sup>(3), (4)</sup>				Options	Warranty <sup>(6)</sup>
Output B=Normally On N=Normally Off <sup>(3)</sup>	Pole A=120, 1-Pole B=208, 2-Pole C=240, 2-Pole D=277, 1-Pole E=120/208, 3-Pole F=277/480, 3-Pole	Amp Rating (Distribution Breakers) <sup>(4)</sup> 10, 16, 20, 25, 32, 40, 50, 63	Quantity <sup>(4)</sup> 01-14	A=Remote Summary Alarm Panel <sup>(5)</sup> C=Status Monitoring Dry Form C Contacts F=Fast Charge (12-hr) H=Heater (Battery) I=Inverter on Dry Form C Contacts O=Output Transfer Delay (Factory set at 3 seconds; adjustable 0-7.5 seconds) P=Remote Status Panel (Status Alarms, Requires C Option) <sup>(5)</sup> SS=Stainless Steel Cabinet T=Output Trip (Supervised) Alarm V=Variable Time Delay 15 Minutes (Requires Normally Off Circuit)  Can only have one of following options: R=Remote Meter Panel <sup>(5)</sup> SEA=Serial to Ethernet Adapter (RJ45) BAC=BACnet Communications (MSTP) BIP=BACnet Communications (IP) MIP=Modbus TCP/IP MOD=Modbus RTU	2YW=Startup & Same Day Training 5YP=5-Year Preventative Maintenance Plan, Startup must be included 5YW=5-Year Extended Electronics Warranty (requires factory start up)
Notes (3) Normally off load systems cannot exceed 20% of total kVA rating with any combination of HID loads. (4) Maximum output breakers available: 14 unsupervised (1-pole), 8 supervised (1-pole). A 2-pole breaker occupies 2 positions, and a 3-pole breaker occupies 3 positions. Breakers provided are 20 Amps unless specified otherwise. List all breaker requirements separately -- ex: BA2007-NA1001.				Notes (5) NEMA type panel and enclosure.	Notes (6) One year warranty is standard.

Product Specifications

Standard Features

- UL 924 Listed for Operating Temperatures 10°C to 40°C (50° to 104°F )
- NEMA 3R Enclosure with Extra Variable Speed Temperature Controlled Fans for Forced Air Cooling
- Internal maintenance bypass switch
- Automatic Event, Test and Alarm Logs
- Input Circuit Breaker
- PWM/IGBT Technology
- User Programmable with Password Protection
- RS232 Communications Port

Optional Features

- BACnet (MS/TP) or (IP)
- MODbus (TCP/IP) or (RTU)
- Remote Meter Panel
- Output Circuit Breakers
- Extended Factory Warranty
- Factory Startup and Training
- Normally Off Output
- Output Trip Alarms
- Stainless Steel Cabinet
- Microprocessor-Controlled Convection Heater

Specifications

- Output Load Power Factor .5 Lag to .5 Lead
- Electronic and Magnetic Ballast Compatible
- Output Distortion Less Than 3% THD for Linear Loads
- Generator Compatibility
- 90 Minute Runtime Standard
- Compatible with Electronic and Magnetic Ballasts and LED Drivers
- Custom Voltages Available
- 3-Phase Input 120/208V or 277/480V 4W+Ground
- Output Load Power Factor .5 Lead to .5 Lag
- Temperature Controlled Forced Air Cooling, No Filters Required