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

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- Product Warranty

Product Certification

Product Features

wet location

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
- Single cabinet design for batteries and inverter

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 [2]
			Notes (1) Other voltages available. Contact factory.		**Notes** (2) Optional 120 min run time not available on 10KVA unit.

Output Breakers [3], [4]				Options	Warranty [6]
Output **B**=Normally On **N**=Normally Off [3]	**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) [4] **10, 16, 20, 25, 32, 40, 50, 63**	**Quantity** [4] **01-14**	**A**=Remote Summary Alarm Panel [5] **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) [5] **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 [5] **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 specied 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)
- Single Cabinet design for batteries and inverter
- 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

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