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|-------------|--|-----------|--|------|--|
| 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 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
- 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 | | | | Options | Warranty |
|--|--|--|----------------------------------|---|---|
| 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 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)
- 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