

Si Series Emergency Lighting Inverter

The Si-Series emergency lighting inverters operate LED and fluorescent fixtures with pure sinusoidal power during loss of normal AC power. The inverters are designed to operate designated fixtures on emergency power during the 90 minute emergency discharge cycle regardless of the local switch position and in accordance with UL 924 life safety code requirements.

Power Share Technology allows the inverter to work with AC Loads greater than the inverter power rating when used with 0-10 Vdc systems.



The inverter unit allows connected emergency fixture(s) to be normally on, normally off or switched without affecting lamp operation during a power failure.



| | Si-600 | Si-400 | Si-250 Si-250-PST | Si-200-PST | Si-125 Si-125-PST | Si-36 | Si-27 |
|--|--|---|--|------------------------------------|---|---------------------------------|---------------------------------|
| Power Out (W) | 600 | 400 | 250 | 200 | 125 | 36 | 27 |
| Power Share Technology | No | No | Optional | Yes | Optional | Yes | Yes |
| Max. Power Share connected Load (0-10 Vdc only) | na | na | 375W | 900W | 375W | 180W | 110W |
| Input Voltage | 120/277 | 120/277 | 120 /277 | 120-277 | 120/277 | 120-277 | 120-277 |
| Output Voltage | 120/277 | 120/277 | 120/277 | Auto Adjust to input voltage | 120/277 | Auto Adjust to input voltage | Auto Adjust to input voltage |
| Approvals | ETL Listed to UL924 | ETL Listed to UL924 | UL Listed to UL924 | UL Listed to UL924 | UL Listed to UL924 | UL Listed to UL924 | UL Listed to UL924 |
| Operating Time | 90 Minutes @25C | 90 Minutes @25C | 90 Minutes @25C | 90 Minutes @10-50C | 90 Minutes @25C | 90 Minutes @10- 55C | 90 Minutes @10- 55C |
| Self Test/Diagnostic | No | No | Yes | Yes | Yes | Yes | Yes |
| Battery Technology | Lead Calcium | Lead Calcium | Lead Calcium | Li-Ion | Lead Calcium | Li-Ion | Li-Ion |
| Dimensions (In) | 23.3x 15x 8.3 | 18 x 15 x 8 | 17.3 x 15.4 x 4.3 | 16.9x4.5x1.6 | 12 x 15.4 x 4.3 | 13.5 x 3.3 x 1.18 | 13.5 x 3.3 x 1.18 |
| Weight (lbs) | 122 | 98 | 64 | 9 | 32 | 3 | 3 |
| Recharge Time (hrs) | 168 | 168 | 24 | 24 | 24 | 24 | 24 |
| Transfer Time | 50 msec | 50 msec | 50 msec | 1 sec | 50 msec | 1 sec | 1 sec |
| Operating Temperatures | 20 to 30C | 20 to 30 C | 20 to 30 C | 10 to 55C | 20 to 30 C | 10 to 55C | 10 to 55C |
| Warranty | 2 yrs electronic 4 yrs prorated batteries | 2 yrs electronics 4 yrs prorated batteries | 2 yrs electronics 4 yrs prorated batteries | 5 years full | 2 yrs electronics 4 yrs prorated batteries | 5 years full | 5 years full |