



Project

Type

Catalog Number

**SPECIFICATIONS** **POWER**

**APPLICATION**

- By itself, a single SI-L-B unit powers all emergency lighting for a building or space
- In a multi-inverter application, multiple SI-L-B's power a larger lighting load.
- Since larger inverters or generator systems are typically broken into multiple circuits, using several SI-L-B's provide greater reliability (no single point of failure), making trouble shooting easier.
- Unlike larger kW systems, the SI-L-B does not require a factory tech for service
- In a generator backup application, an SI-L-B will provide power to emergency lighting during the period (up to several minutes) after utility power is interrupted, but before the generator starts up. If the generator fails to start, the SI-L-B will carry the entire emergency load for up to 90 minutes.

**ILLUMINATION**

- Operates LED, CFL, fluorescent, halogen, and incandescent loads
- Suggested to derate the inverter by 15% with all lighting loads to greatly reduce inrush current

**ELECTRICAL**

- 120/277VAC Sensing Input
- 120V and 277V output
- Pure sine wave
- Self-resetting overload protection and fused output
- Operating Temperature: 40°F - 100°F (4°C - 38°C)

**BATTERY**

- Maintenance-free sealed lead calcium battery
- LVD disconnect protects the battery from being severely damaged by deep discharge during prolonged power failures. Reverse polarity, DC overload, and short circuit protection

**CODE COMPLIANCE**

- UL924 Listed
- Meets NFPA101, NEC, OSHA, Local and State Codes

**WARRANTY**

- 5 Years



**SI-L-B  
500W - 2000W Inverter**

**ORDERING INFORMATION**

CATALOG #	Description
SI-L-B-500W-*	500W, 120V/277V
SI-L-B-1000W-*	1000W, 120V/277V
SI-L-B-1500W-*	1500W, 120V/277V
SI-L-B-2000W-*	2000W, 120V/277V

\*Specify 120V or 277V

**OPTIONS (Factory Installed)**

#CB	- Additional 20A Output Breakers (#Specify amount of additional, 1 already included) <i>Up to 6 Total per Inverter</i>
SD	- Self Testing
S MDF	- Status Monitoring Dry Contact (Form C)
LS	- Load Shedding Option for one dimming circuit, 500W-6000W

