Project: _____

Contractor: _____

SLC-MIV

PURE-SINE WAVE MINI-INVERTER

Separate battery compartment
120VAC Output only
Steel Construction
Normally ON* or OFF

Approvals:
CSA Certified to C22.2 #141.15

Canadian made and designed

DESCRIPTION

The SLC-MIV pure sine wave inverter represents a unique approach to power failure lighting applications. Pure sine wave inverters are ideal, as opposed to square or modified wave inverters, which will break down electronic ballasts and LED drivers prematurely. Stanpro's pure sine wave inverter was designed to run up to 1440W for 30 minutes on normally ON and OFF LED, CFL or fluorescent, incandescent lighting fixtures.

Normally OFF: By combining a battery unit and off-line inverter with superior 120V lighting performance for all types of lighting fixtures, the SLC-MIV provides exceptional power failure lighting. The typically configured battery unit is paired with an off-line, internally mounted, pure-sine wave inverter. When AC power is present there is no output and the connected fixtures are off, when the AC power fails, the unit outputs 120VAC to the connected lighting fixtures at 100% brightness.

***Normally ON:** This feature is easily activated by connecting a normally-ON lighting circuit to the unit. When AC power is present there is output and the connected lighting fixtures are on. When the AC power fails, the output is then transferring instantaneously to the power failure mode of the inverter and the connected lighting fixtures stay on.

ELECTRICAL

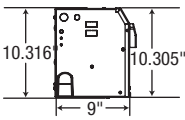
- 120/347VAC input and 120VAC output only
- Momentary push button test switch
- Diagnostic/pilot LEDs for AC ON and CHARGE
- Fully automatic, current limited charger
- Line latched, low voltage protection
- Brownout and short circuit protection
- Terminal block connectors for output load
- Auto transfer switch for 120VAC normally-on lighting circuit (when ordered)
- Maintenance free, sealed lead acid battery(s)
- Overload protectors:
  - 1440W: Fuse allowing max load of 175A and board protector with protection up to 1500W
  - 1000W: Fuse allowing max load of 175A and board protector with protection up to 1100W
- Optional automatic-testing, self-diagnostic charger**:
  - Continuously monitors the unit's status
  - Automatically performs battery load testing and auto-cycling at preset intervals
  - Indicates malfunctions or auto-test failures

MECHANICAL

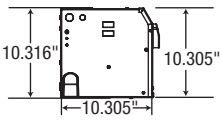
- 20 Gauge steel construction (cabinet A and B), 16 Gauge steel construction (cabinet C)
- Universal spider knockout pattern and keyhole mounting slots stamped into back of cabinet
- Multiple conduit entry knockouts
- Air intake and exhaust fan placed on the sides
- White powder coat finish standard
- Separate battery compartment

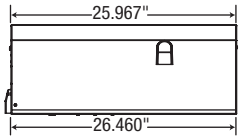
DIMENSIONS

Cabinet A

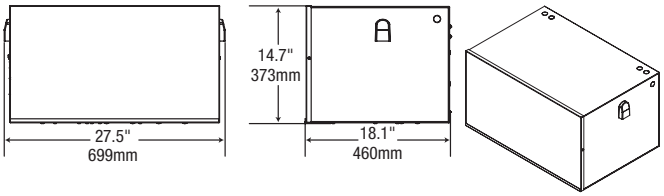


Cabinet B





Cabinet C



WEIGHT (LB)

Wattage	Cabinet	without battery(s)	with battery(s)
320W	Cabinet A	28.2 lb	52 lb
320W	Cabinet B	29.2 lb	53 lb
500W	Cabinet B	29.1 lb	71 lb
1000W	Cabinet C	61.3 lb	145 lb
1440W	Cabinet C	63.4 lb	189 lb

Accessories (order separately)	
SHELF001	Rigid 14 gauge free standing shelf *(Available only with 1000W and 1440W)*

ORDERING GUIDE

SLC-MIV	12			WH		/	

Series	Voltage	Capacity	Cabinet	Colours	Load Operation	Options†
SLC-MIV	**12** - 12Volt	**320**- 320W	**CA** - Cabinet A **CB** - Cabinet B	**WH** - White	**ON*** - Normally ON **OFF** - Normally OFF	**AT**** - Auto-test self-diagnostic
		500 - 500W	**CB** - Cabinet B			
		1000 - 1000W	**CC** - Cabinet C			
		1440 - 1440W	**CC** - Cabinet C			

† For detailed options descriptions, please consult the options page.
* **Note:** For normally ON units, inverter load needs to be wired to a dedicated non-dimmed circuit.
** Available for 320W and 500W only.

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