

# EBST-MDI MINI INVERTER 2 500 W

The EBST-MDI pure sine wave inverter ensures stable AC output during power loss. Engineered to prevent premature failure of electronic ballasts and drivers, it supports up to 2 500 W of normally ON/OFF LED, CFL, fluorescent, or incandescent loads with high power quality and efficiency.



## FEATURES & SPECIFICATIONS

### CONSTRUCTION

- This unit is provided with 4 standard outputs. One Normally-ON, one Normally-OFF, and two wall switch/selectable outputs
- Normally ON: Such an output will be energized continuously, no matter normal utility grid is present or there is a power outage. [L1]
- Normally OFF: Such an output will be energized only when there is a power outage. [L2]
- Wall Switch / Selectable outputs. There are two outputs [L3 and L4] which are configurable and can be Normally On or Normally Off depending on the position of Wall Switch or Jumper in wall switch terminals. It is detailed in installation instruction sheet

### ELECTRICAL

- 120 V/120 V
- Separate converter cabinet required for 277 V or 347 V
- 93% Efficient (for 277 or 347 V using the separate converter cabinet)
- 4 standard outputs. one Normally ON, one Normally OFF, and two wall switch/selectable outputs
- Display panel
- Operating Temperature: +10°C to +25°C
- Auto test option
- 2 500 W capacity

### CIRCUITRY

- L1: Normally ON, unswitched circuit (max load: 1 920 W)
- L2: Normally OFF, unswitched circuit (max load: 1 920 W)
- L3: Switched / Normally ON / Normally OFF (max load: 1 920 W)
- L4: Switched / Normally ON / Normally OFF circuit (max load: 1 920 W)
- Load can be split between two or more outputs. It should be considered that the total combined wattage must not exceed 2 500 W. it is highly recommended to limit the loading to 80% of the unit capacity.

### MECHANICAL

- 14 Gauge steel housing
- Stamped conduit knockouts standard
- Loads are connected to sturdy terminal blocks
- White powder coat finish standard
- Ventilation holes for efficient cooling and operation of the charging system

### COMPLIANCES

- CSA certified to C22.2 #141-15

## OVERVIEW

<b>ELECTRICAL</b>	NORMALLY ON AND OFF	120 V AC
<b>MECHANICAL</b>	SEPARATE BATTERY COMPARTMENT	STEEL CONSTRUCTION



Data is based upon tests performed in a controlled environment. Actual performance can vary depending on operating conditions.  
 All products are subject to change or may be discontinued any time without notice.

## TECHNICAL SPECIFICATION TABLE

PART NUMBER	VOLTAGE [V]	WATTAGE [W]	OPTIONS
EBST-MDI	120	2 500	-
EBST-MDI/ATD	120	2 500	AUTO TEST
EBST-MDI/ATD/TOL	120	2 500	AUTO TEST TIME DELAY

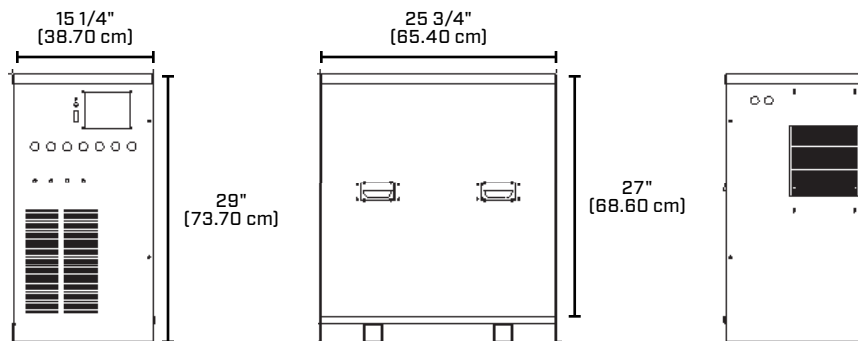
## MODEL RATINGS

MODEL	VOLTAGE [V]	30 MIN.	60 MIN.	90 MIN.	120 MIN.
EBST-MDI	120	2 500	2 000	1 500	1 000
	347	2 325	1 860	1 395	930

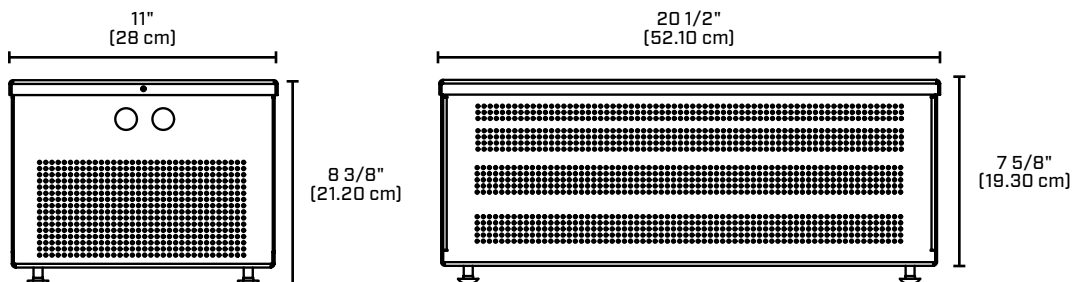
## CONVERTER

PART NUMBER	TYPE
CONV-038	347V OR 277V IN STEP DOWN / 347V OR 277V OUT STEP UP

## DIMENSIONS



## CONVERTER



## WIRING DIAGRAM

