

# Will Your Traffic Lights Stay On When The Power Goes Out?

## Be assured with Dimensions™ Battery Backup Systems



## DIMENSIONS

Sensata Technologies manufactures Dimensions™ Battery Backup Systems. Dimensions™ Battery Backup Systems are designed to provide reliable power to your traffic signal intersections, ITS cabinets, communication nodes and other equipment. Through thunderstorms, blown transformers, downed power lines or other interruptions, our Battery Backup Systems will keep your equipment running for hours.

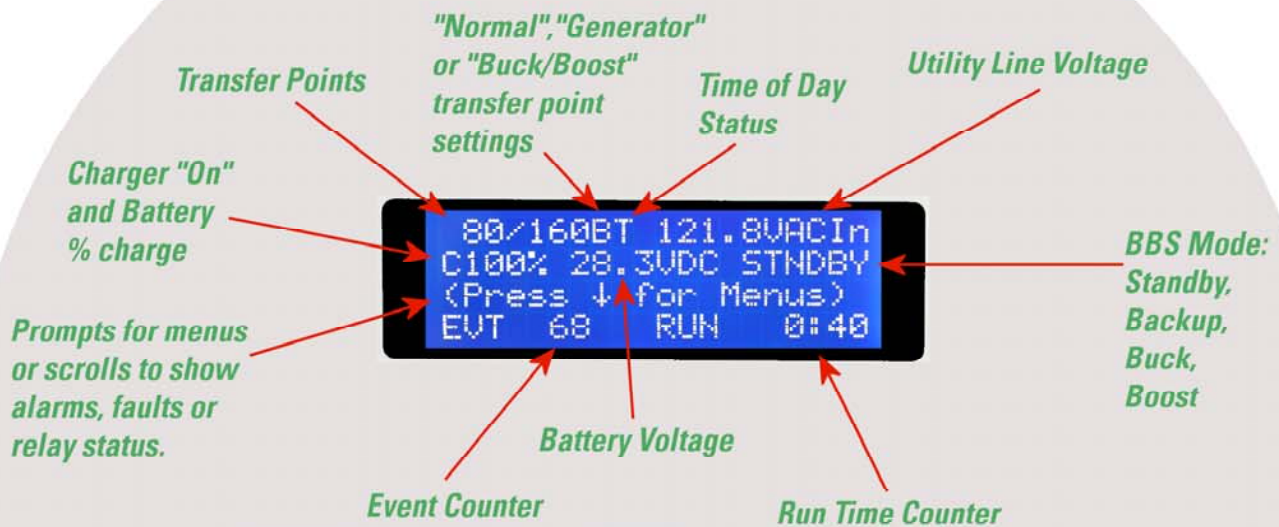


Visit <http://dimensions.sensata.com> or call 800-553-6418.

The World Depends on Sensors and Controls

# The Dimensions "W" Series Battery Backup System

**We used the rugged and reliable design of our previous model and added the features that you have been asking for . . . plus many more**



**Our "W" Series makes it even easier to get status information and to configure. We added a bright and easy to read LCD display. The most commonly requested status information is readily available on just two screens. Navigating the menu system is a breeze with our logical format.**





## Features & Specifications



### Operation

- Rotatable LCD Display, easy to read, large 4 line by 20 character backlit display
- Scrolling Message which lists Relay Status, Alarms and Faults
- Display shows input and output values including battery % charge
- Quick Status Screens and Buck/Boost Event and Run Time Counters
- Keypad for Local Programming
- Adjustable Transfer Points with Normal and Generator settings
- Six fully Programmable Dry Relay Contacts w/Low Battery, Timer, and others
- Event Log of Events, up to 256 events
- Automatic Low Battery Shutdown

### Power

- Buck/Boost (wide 80-160Vac input range)
- Pure Sine Wave Inverter, Less than 3%THD, 60Hz ± 0.05%
- TVSS compliant with ANSI C.62.41.2-2002 (IEEE 587)
- Self Test
- Thermally –controlled cooling fan

### Charger

- 4 Step Charger (Zero Volt Start, Bulk, Accept, and Float)
- Temperature Compensated Charging
- Charges AGM or Gel Batteries
- Load Management

### Communications

- Ethernet (IP is user configurable), generates emails
- Configure and acquire status information by using your favorite web browser
- RS-232

## • 5 Year Warranty



24MV11-WBE

Now with Rotatable Display!



"M" CASE
17.2"W x 10"D x 5.25"H, 32 Lbs.
*Model # <span style="color: red;">24M11-WBE</span> *
Model # <span style="color: blue;">48M18-WBE</span>
* <span style="color: red;">Caltrans Tested &amp; Approved</span> *



"J" CASE
13.2"W x 11"D x 7.25"H, 32 Lbs.
Model # <span style="color: red;">24J11-WBE</span>

**Contact us for a "No Hassle" field trial. Try this unit at your facility with no cost or obligation to buy.**

GENERAL SPECIFICATIONS	24 Volt, 1100W Series	48 Volt, 1800W Series
<b>Output Power</b> (Watts continuous)	1,100 @ 25°C, 850 @ 74°C	1,800 @ 25°C, 1200 @ 74°C
<b>Output Voltage</b> (Pure Sine)	120 VAC regulated	120 VAC regulated
<b>Output Frequency</b>	60 Hz ± 0.05%	60 Hz ± 0.05%
<b>Output Current</b> (Amps AC)	Up to 9.2	Up to 15
<b>Peak Output</b> (Amps AC)	67	50
<b>Input Voltage</b> (Volts DC)	21 to 32	41-64
<b>Input Current</b> (Amps DC)	Up to 55	Up to 42
<b>Efficiency</b> (Inverter)	Up to 86%	Up to 86%
<b>Operating Temperature</b>	-40°C to 74°C (-40°F to 165°F)	-40°C to 74°C (-40°F to 165°F)
<b>Transfer Time</b> (milliseconds)	30 typical	30 typical
<b>BATTERY CHARGER</b>		
<b>Output Voltage</b> (Volts DC)	Regulated and temp. compensated	Regulated and temp. compensated
<b>Output Current</b> (Amps DC)	Up to 20	Up to 15
<b>Input Current</b> (Amps AC)	Up to 5	Up to 7.6
<b>Charge Time</b>	Less than 10 hours to 80% or greater	Less than 10 hours to 80% or greater