

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.

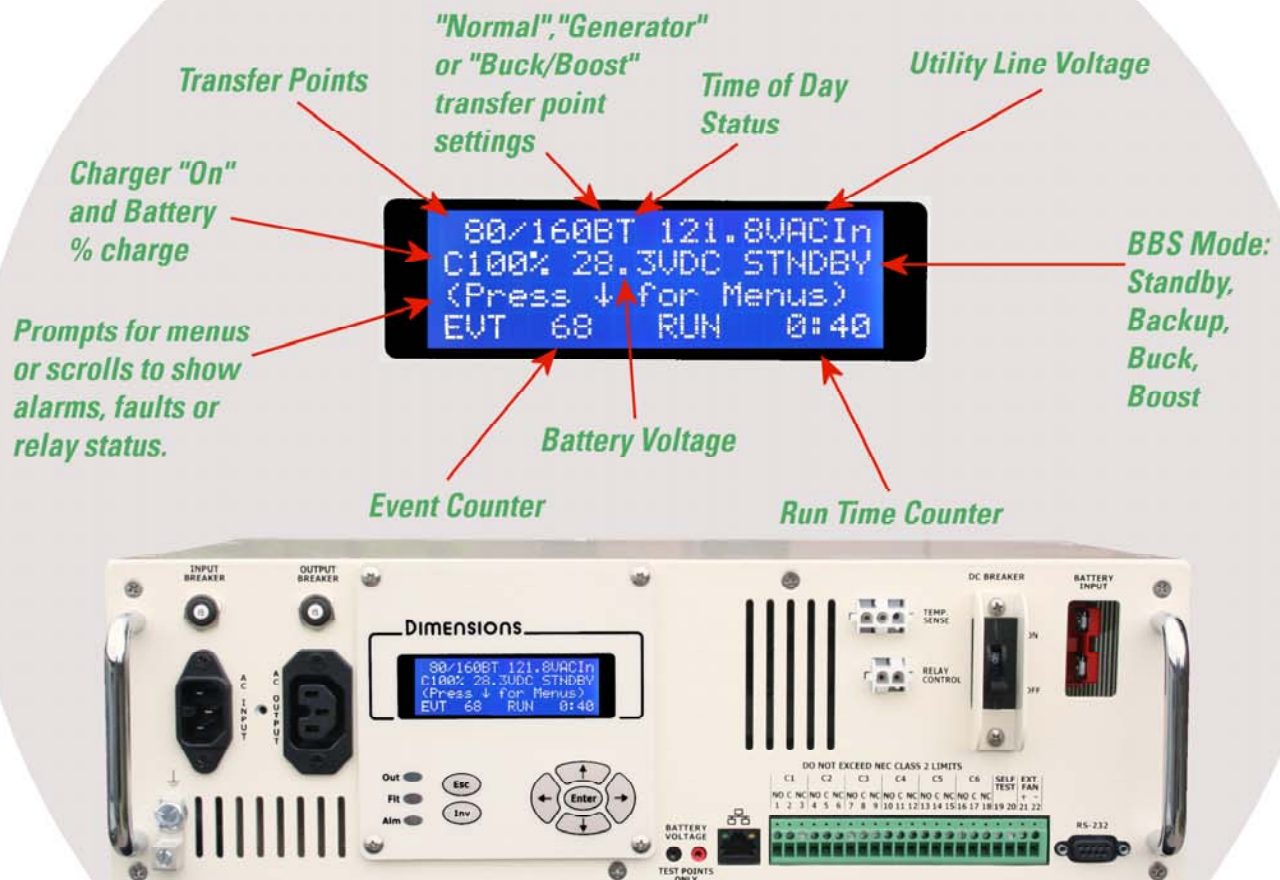


Visit <http://dimensions.sensata.com> or call 800-553-6418.

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.

Web Browser Interface

Configure and acquire status information by using your favorite web browser. Drop down menus and a logical layout makes it easy. The BBS also generates Email notifications.



Communications

Ethernet and RS-232 are included for remote or local communications. The ethernet IP address is user configurable.



Event Log

The event log keeps track of the most recent 256 events recorded by the BBS. This can be viewed by the LCD, ethernet or RS-232.

C1	C2	C3	C4	C5	C6	SELF TEST	EXT. PAN
NO	C	NO	C	NO	C	NO	C
1	2	3	4	5	6	7	8
9	10	11	12	13	14	15	16
17	18	19	20	21	22		

Programmable Dry Relay Contacts

These contacts are fully programmable with seven different options. Use these contacts to bring your cabinet to flash and send status information back through your controller.

Time of Day Program

This program saves battery power for when you need it most. If you have a blackout in the middle of the night, it can bring your cabinet to flash immediately to save battery power. If the power is still out when rush hour occurs, the unit will bring the intersection back to full operation.



Buck/Boost for Line Interactive / AVR Operation

With Buck/Boost operation, you'll reduce the amount of times that you need to go to backup power. Our wide operating range of 80-160Vac will save battery power for the intersections that are prone to brownouts and over-voltages.



5 YEAR WARRANTY



Sensata
Technologies

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 $\pm$ 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

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



24MV11-WBE

Now with Rotatable Display!



"M" CASE
17.2"W x 10"D x 5.25"H, 32 Lbs.
*Model # 24M11-WBE *
Model # 48M18-WBE
* Caltrans Tested & Approved *



"J" CASE
13.2"W x 11"D x 7.25"H, 32 Lbs.
Model # 24J11-WBE

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