



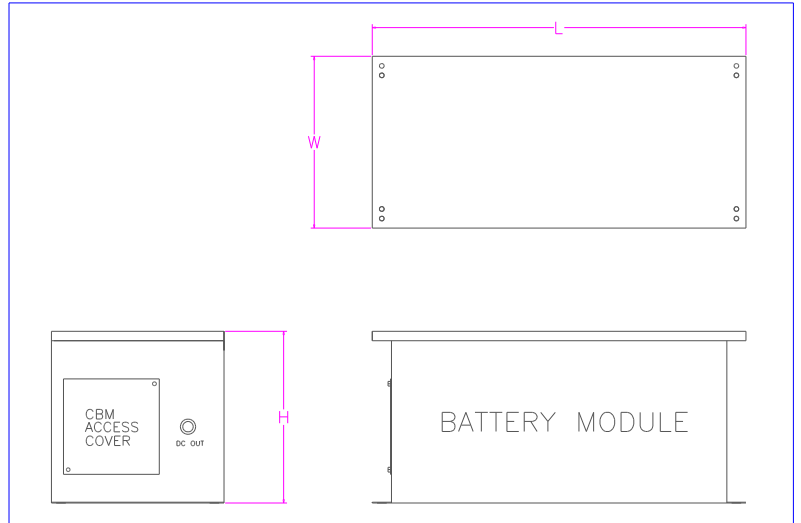
# CBM24 BATTERY MODULES

## MODULAR EMERGENCY SYSTEMS for FLUORESCENT LAMPS and other DC loads

*InContinuum* 24VDC Battery Modules are part of a complete emergency system that along with the applicable Power Module, provide true on-line, continuous uninterruptible power and full-lumen output for most standard, compact, or F96 slimline fluorescent and metal halide lamps and/or other DC loads.

*InContinuum* Modular Systems offer seven modes of operation: 24-Hour Nitelite, Normal, Normal with Override, Task Lighting, Task Lighting with Override, Standby, and AC-Equivalent modes provide maximum flexibility. *InContinuum* emergency systems provide unprecedented **safety, security, and productivity**. *InContinuum* has been providing innovative lighting and power solutions since 1984.

Battery Modules can be mounted with the Power Module in a remote location, i.e.; electrical closet, or in the plenum. Mounting shelf or cabinet optional.



### CBM24V Battery Module

#### Electrical and Mechanical Specifications:

Battery Module	Vb	Battery Module Enclosure Dimensions				Modules
		L	W	H	Weight	
CBM24-2.5	24	19.5	10	9	19	1
CBM24-5	24	19.5	10	9	23	1
CBM24-8	24	19.5	10	9	28	1
CBM24-10	24	19.5	10	9	37	1
CBM24-25	24	19.5	10	9	61	1
CBM24-36	24	19.5	10	9	85	1
CBM24-50	24	19.5	10	9	61	2
CBM24-72	24	19.5	10	9	85	2

**LEGEND**

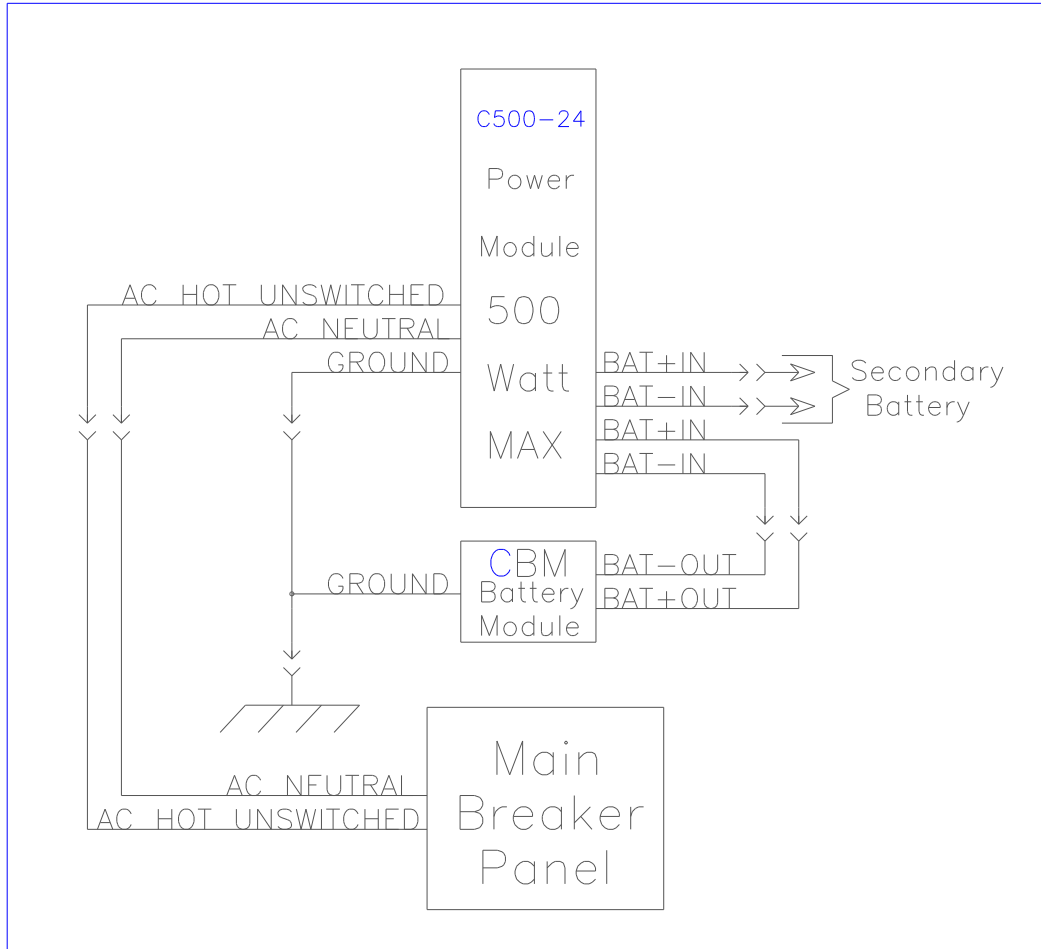
Vb Nominal output voltage of module  
 Dimensions Outside dimensions of entire module in inches, weight in pounds

**Typical Battery Runtime Characteristics in Hours** - See complete charts in Catalog & Technical Guide

Power(W)	CBM24-2.5	CBM24-5	CBM24-8	CBM24-10	CBM24-25	CBM24-36	CBM24-50	CBM24-72
250	-----	0.23	0.53	0.93	2.13	3.44	4.71	6.75
500	-----	-----	0.23	0.46	0.98	1.72	2.31	3.34

Only the CBM24-36, CBM24-50, and CBM24-72 battery modules can be used to meet UL 924 requirements for 500 watts.

# *InContinuum* Modular Emergency System



**Battery Module (CBM24xx)Wiring Diagram**

## CBM24xx BATTERY MODULE Product Summary

<b>UL LISTED</b>	UL 924
<b>BATTERY LIFE:</b>	8-10 Years
<b>MAXIMUM ILLUMINATION ENERGY TIME:</b>	See Battery Chart in Product Catalog
<b>WARRANTY:</b>	3 Years

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**SAMPLE SPECIFICATION:** Emergency lighting units shall be *InContinuum Modular Systems* as Manufactured by **Æon Corporation**, of Oklahoma City, Oklahoma, with maximum 500-watts continuous power output, incorporating solid state high-frequency inverter ballasts and capable of providing full normal lumen light output from any F32T8, T12, F39/40 Biax lamp, or F31 Ulamp; not less than \_\_\_\_\_ Lumens of light output from any compact fluorescent lamp; not less than \_\_\_\_\_ Lumens of light output from any F96 Slimline lamp for a minimum of 90 minutes during loss of AC power, to a controlled cut-off at 87 1/2% of 24 volts. The systems shall operate in a continuous on-line mode with zero (0) transfer time at loss of power, and shall contain a solid state voltage-controlled pulse charging system which will restore discharged batteries within four hours or less with lamps off, and 12 hours or less with lamps on. Batteries shall be sealed, pure lead, starved electrolyte (nickel-cadmium batteries not acceptable) with expected life of 8-10 years. Systems shall include logic circuitry if required, allowing interface with the following switch types: remote wireless, occupancy sensor, energy management computers or normal wall switches. Systems shall be fully warranted for three years.

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