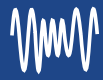


# RideThru Voltage Regulator



Undervoltage Solutions



# BONITRON

M3460 Series

Bonitron Undervoltage RideThru Solutions, also known as Uninterruptible Power for Drives, include a DC Voltage Regulator (M3460B or M3460R) that monitors the drive. If the drive voltage sags or disappears, the Voltage Regulator becomes active and provides power to the DC bus. This allows critical processes to never see the disturbance and can continue operating at full power. Thanks to Bonitron's parallel connection, very low standby power and long product life can be expected.

**M3460B & M3460R**

## Uninterruptible Power for Drives (UPD)

### Parallel Connection

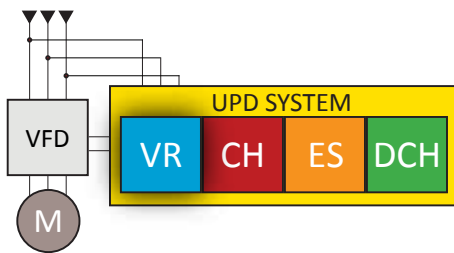
- High Reliability
- Seamless power transfer

### Increased Efficiency

- Ultra low standby power
- Sized to drive systems
- Few AC/DC conversions

## Product Highlights

- Protect critical processes from power fluctuations
- Reduce production equipment damage
- Maximize uptime and increase profit
- Sag Protection
  - Full-load power for up to 2 seconds for 50% 3-phase sags or 1-phase sag to 0 V
- Outage Protection
  - Seamless power transfer from utility to Bonitron
  - Maintain process while generators start up
  - Energy storage sourced by Bonitron or acquired locally



## Industry Applications



Critical Data | Elevators | Extrusion | Fibers | Semiconductor | Solar Power | Textiles | Wind Power | & More!



[www.bonitron.com](http://www.bonitron.com)



615-244-2825

[info@bonitron.com](mailto:info@bonitron.com)



# Model Number Selection

	System Power	Peak Current	Max. On-time at Rating	Model Number	Dimensions (H x W x D)
<b>230 - 240 VAC</b>					
	25 kW	85 A	2 Seconds	<b>M3460R-L025-R10-F</b>	28.00" x 16.00" x 14.00"
			4 Minutes	<b>M3460B-L025-240-R10</b>	28.00" x 16.00" x 14.00"
	38 kW	127 A	2 Seconds	<b>M3460R-L038-R10-F</b>	28.00" x 16.00" x 14.00"
			4 Minutes	<b>M3460B-L038-240-R9</b>	34.00" x 16.00" x 14.00"
	50 kW	170 A	2 Seconds	<b>M3460R-L050-R9-F</b>	34.00" x 16.00" x 14.00"
			4 Minutes	<b>M3460B-L050-240-R9</b>	34.00" x 16.00" x 14.00"
	75 kW	255 A	2 Seconds	<b>M3460R-L075-R11-F</b>	44.00" x 16.00" x 14.00"
			4 Minutes	<b>M3460B-L075-240-R2</b>	52.00" x 24.00" x 14.00"
	100 kW	340 A	2 Seconds	<b>M3460R-L100-R11-F</b>	44.00" x 16.00" x 14.00"
			4 Minutes	<b>M3460B-L100-240-R2</b>	52.00" x 24.00" x 14.00"
	125 kW	425 A	2 Seconds	<b>M3460R-L125-R11-F</b>	44.00" x 16.00" x 14.00"
<b>380 - 415 VAC</b>					
	43 kW	85 A	2 Seconds	<b>M3460R-E043-R10-F</b>	28.00" x 16.00" x 14.00"
			4 Minutes	<b>M3460B-E043-240-R10</b>	28.00" x 16.00" x 14.00"
	65 kW	127 A	2 Seconds	<b>M3460R-E065-R10-F</b>	28.00" x 16.00" x 14.00"
			4 Minutes	<b>M3460B-E065-240-R9</b>	34.00" x 16.00" x 14.00"
	87 kW	170 A	2 Seconds	<b>M3460R-E087-R9-F</b>	34.00" x 16.00" x 14.00"
			4 Minutes	<b>M3460B-E087-240-R9</b>	34.00" x 16.00" x 14.00"
	130 kW	255 A	2 Seconds	<b>M3460R-E130-R11-F</b>	44.00" x 16.00" x 14.00"
			4 Minutes	<b>M3460B-E130-240-R2</b>	52.00" x 24.00" x 14.00"
	175 kW	340 A	2 Seconds	<b>M3460R-E175-R11-F</b>	44.00" x 16.00" x 14.00"
			4 Minutes	<b>M3460B-E175-240-R2</b>	52.00" x 24.00" x 14.00"
	215 kW	425 A	2 Seconds	<b>M3460R-E215-R11-F</b>	44.00" x 16.00" x 14.00"
<b>433 - 480 VAC</b>					
	50 kW	85 A	2 Seconds	<b>M3460R-H050-R10-F</b>	28.00" x 16.00" x 14.00"
			4 Minutes	<b>M3460B-H050-240-R10</b>	28.00" x 16.00" x 14.00"
	75 kW	127 A	2 Seconds	<b>M3460R-H075-R10-F</b>	28.00" x 16.00" x 14.00"
			4 Minutes	<b>M3460B-H075-240-R9</b>	34.00" x 16.00" x 14.00"
	100 kW	170 A	2 Seconds	<b>M3460R-H100-R9-F</b>	34.00" x 16.00" x 14.00"
			4 Minutes	<b>M3460B-H100-240-R9</b>	34.00" x 16.00" x 14.00"
	150 kW	255 A	2 Seconds	<b>M3460R-H150-R11-F</b>	44.00" x 16.00" x 14.00"
			4 Minutes	<b>M3460B-H150-240-R2</b>	52.00" x 24.00" x 14.00"
	200 kW	340 A	2 Seconds	<b>M3460R-H200-R11-F</b>	44.00" x 16.00" x 14.00"
			4 Minutes	<b>M3460B-H200-240-R2</b>	52.00" x 24.00" x 14.00"
	250 kW	425 A	2 Seconds	<b>M3460R-H250-R11-F</b>	44.00" x 16.00" x 14.00"

Contact Bonitron for larger power requirements.



**Digital Display**  
*The ASM 3660DD4 is an interactive digital display for the 3460 Series that monitors and stores history of power quality issues, including status, voltage, and current.*



Scan for more Information