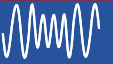




M3460 Series

Ride-Thru Voltage Regulator

Undervoltage Solutions for AC Drives



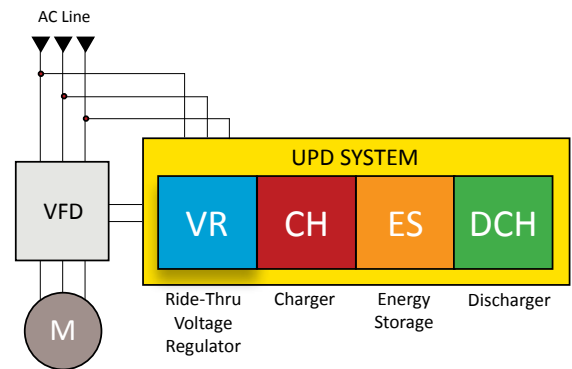
M3460B & M3460R



Bonitron Undervoltage Ride-Thru 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.

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



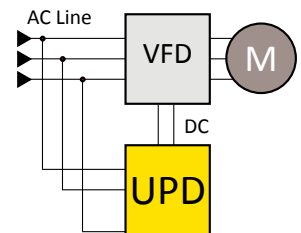
Uninterruptible Power for Drives (UPD)

Parallel Connection

- High Reliability
- Seamless power transfer

Increased Efficiency

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



Industry Applications



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



www.bonitron.com



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info@bonitron.com



Model Number Selection

230-240VAC

System Power	Peak Current	Max. On-time at Rating	Model Number (Voltage Regulator)	Dimensions (H x W x D)	Quantity	Model Number (Master Control)	Dimensions (H x W x D)	Quantity
230 - 240 VAC								
25 kW	85 A	2 Seconds	M3460R-L025-R10-F	28.00 x 16.00 x 14.00"	1	Not Required	N/A	0
		4 Minutes	M3460B-L025-R10-240	28.00 x 16.00 x 14.00"				
38 kW	127 A	2 Seconds	M3460R-L038-R10-F	28.00 x 16.00 x 14.00"	1	Not Required	N/A	0
		4 Minutes	M3460B-L038-R9-240	34.00 x 16.00 x 14.00"				
50 kW	170 A	2 Seconds	M3460R-L050-R9-F	34.00 x 16.00 x 14.00"	1	Not Required	N/A	0
		4 Minutes	M3460B-L050-R9-240	34.00 x 16.00 x 14.00"				
75 kW	255 A	2 Seconds	M3460R-L075-R11-F	44.00 x 16.00 x 14.00"	1	Not Required	N/A	0
		4 Minutes	M3460B-L075-R2-240	52.00 x 24.00 x 14.00"				
100 kW	340 A	2 Seconds	M3460R-L100-R11-F	44.00 x 16.00 x 14.00"	1	Not Required	N/A	0
		4 Minutes	M3460B-L100-R2-240	52.00 x 24.00 x 14.00"				
125 kW	425 A	2 Seconds	M3460R-L125-R11-F	44.00 x 16.00 x 14.00"	1	Not Required	N/A	0
135 kW	460 A	2 Seconds	M3460RS-L075-R11-F	44.00 x 16.00 x 14.00"	2	M3460RM-L135-C2	16.00 x 15.50 x 5.50"	1
		4 Minutes	M3460BS-L075-R2	52.00 x 24.00 x 14.00"		M3460BM-L135-C2		
180 kW	610 A	2 Seconds	M3460RS-L100-R11-F	44.00 x 16.00 x 14.00"	2	M3460RM-L180-C2	16.00 x 15.50 x 5.50"	1
		4 Minutes	M3460BS-L100-R2	52.00 x 24.00 x 14.00"		M3460BM-L180-C2		

*Energy Storage required to achieve outage duration.

380-415VAC

System Power	Peak Current	Max. On-time at Rating	Model Number (Voltage Regulator)	Dimensions (H x W x D)	Quantity	Model Number (Master Control)	Dimensions (H x W x D)	Quantity
380 - 415 VAC								
43 kW	85 A	2 Seconds	M3460R-E043-R10-F	28.00 x 16.00 x 14.00"	1	Not Required	N/A	0
		4 Minutes	M3460B-E043-R10-240	28.00 x 16.00 x 14.00"				
65 kW	127 A	2 Seconds	M3460R-E065-R10-F	28.00 x 16.00 x 14.00"	1	Not Required	N/A	0
		4 Minutes	M3460B-E065-R9-240	34.00 x 16.00 x 14.00"				
87 kW	170 A	2 Seconds	M3460R-E087-R9-F	34.00 x 16.00 x 14.00"	1	Not Required	N/A	0
		4 Minutes	M3460B-E087-R9-240	34.00 x 16.00 x 14.00"				
130 kW	255 A	2 Seconds	M3460R-E130-R11-F	44.00 x 16.00 x 14.00"	1	Not Required	N/A	0
		4 Minutes	M3460B-E130-R2-240	52.00 x 24.00 x 14.00"				
175 kW	340 A	2 Seconds	M3460R-E175-R11-F	44.00 x 16.00 x 14.00"	1	Not Required	N/A	0
		4 Minutes	M3460B-E175-R2-240	52.00 x 24.00 x 14.00"				
215 kW	425 A	2 Seconds	M3460R-E215-R11-F	44.00 x 16.00 x 14.00"	1	Not Required	N/A	0
235 kW	460 A	2 Seconds	M3460RS-E130-R11-F	44.00 x 16.00 x 14.00"	2	M3460RM-E235-C2	16.00 x 15.50 x 5.50"	1
		4 Minutes	M3460BS-E130-R2	52.00 x 24.00 x 14.00"		M3460BM-E235-C2		
315 kW	610 A	2 Seconds	M3460RS-E175-R11-F	44.00 x 16.00 x 14.00"	2	M3460RM-E315-C2	16.00 x 15.50 x 5.50"	1
		4 Minutes	M3460BS-E175-R2	52.00 x 24.00 x 14.00"		M3460BM-E315-C2		

*Energy Storage required to achieve outage duration.

433-480VAC

System Power	Peak Current	Max. On-time at Rating	Model Number (Voltage Regulator)	Dimensions (H x W x D)	Quantity	Model Number (Master Control)	Dimensions (H x W x D)	Quantity
433 - 480 VAC								
50 kW	85 A	2 Seconds	M3460R-H050-R10-F	28.00 x 16.00 x 14.00"	1	Not Required	N/A	0
		4 Minutes	M3460B-H050-R10-240	28.00 x 16.00 x 14.00"				
75 kW	127 A	2 Seconds	M3460R-H075-R10-F	28.00 x 16.00 x 14.00"	1	Not Required	N/A	0
		4 Minutes	M3460B-H075-R9-240	34.00 x 16.00 x 14.00"				
100 kW	170 A	2 Seconds	M3460R-H100-R9-F	34.00 x 16.00 x 14.00"	1	Not Required	N/A	0
		4 Minutes	M3460B-H100-R9-240	34.00 x 16.00 x 14.00"				
150 kW	255 A	2 Seconds	M3460R-H150-R11-F	44.00 x 16.00 x 14.00"	1	Not Required	N/A	0
		4 Minutes	M3460B-H150-R2-240	52.00 x 24.00 x 14.00"				
200 kW	340 A	2 Seconds	M3460R-H200-R11-F	44.00 x 16.00 x 14.00"	1	Not Required	N/A	0
		4 Minutes	M3460B-H200-R2-240	52.00 x 24.00 x 14.00"				
250 kW	425 A	2 Seconds	M3460R-H250-R11-F	44.00 x 16.00 x 14.00"	1	Not Required	N/A	0
		4 Minutes	M3460B-H250-R2-240	52.00 x 24.00 x 14.00"				
270 kW	460 A	2 Seconds	M3460RS-H150-R11-F	44.00 x 16.00 x 14.00"	2	M3460RM-H270-C2	16.00 x 15.50 x 5.50"	1
		4 Minutes	M3460BS-H150-R2	52.00 x 24.00 x 14.00"		M3460BM-H270-C2		
360 kW	610 A	2 Seconds	M3460RS-H200-R11-F	44.00 x 16.00 x 14.00"	2	M3460RM-H360-C2	16.00 x 15.50 x 5.50"	1
		4 Minutes	M3460BS-H200-R2	52.00 x 24.00 x 14.00"		M3460BM-H360-C2		

*Energy Storage required to achieve outage duration.



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 on Undervoltage Solutions