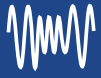
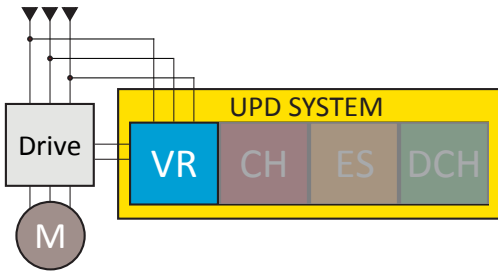


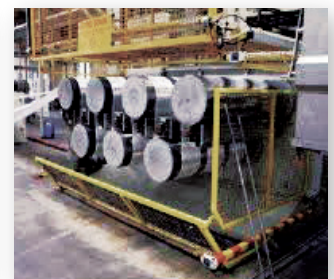
NEMA-1 RideThru Voltage Regulator



**Undervoltage
Solutions**



Industry Applications



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

BONITRON

Bonitron Undervoltage RideThru Solutions, also known as Uninterruptible Power for Drives, include a DC Voltage Regulator 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.

New NEMA-1 Rated Enclosure!

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 50% 3-Phase Sag Protection
- Outage Protection
 - Seamless power transfer from utility to Bonitron
 - Maintain process while generators start up
 - Energy storage sourced by Bonitron or acquired locally
- NEMA-1 Enclosure
 - Bonitron Has Packaged Our Voltage Regulator Booster In An Easily Installed Nema 1 Enclosure For Simple Connectivity And Small Footprint. The Voltage Regulator Is Utilized For 2 Second 50% 3 Phase Sag Protection and 1-phase sag to 0v without energy storage or 4 minute full outage protection with energy storage.
 - The Single NEMA 1 Enclosure Is Connected To The AC Line At The VSDs Ac Input Terminals And The VSDs DC Bus
 - The Enclosure Includes: Voltage Regulator Booster, Fusing And DD5 Digital Display



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Model Number Selection

	System Power	Peak Current	Max. On-time at Rating	Model Number	Dimensions (H x W x D)
230 - 240 VAC					
	25 kW	85 A	2 Seconds	M3460R-L025-E1-D	30.00" x 24.00" x 13.50"
			4 Minutes	M3460B-L025-240-E2-D*	36.00" x 24.00" x 13.50"
	38 kW	127 A	2 Seconds	M3460R-L038-E1-D	30.00" x 24.00" x 13.50"
			4 Minutes	M3460B-L038-240-E3-D*	40.00" x 24.00" x 13.50"
	50 kW	170 A	2 Seconds	M3460R-L050-E2-D	36.00" x 24.00" x 13.50"
			4 Minutes	M3460B-L050-240-E3-D*	40.00" x 24.00" x 13.50"
	75 kW	255 A	2 Seconds	M3460R-L075-E4-D	48.00" x 24.00" x 13.50"
			4 Minutes	M3460B-L075-240-E5-D*	60.00" x 24.00" x 13.50"
	100 kW	340 A	2 Seconds	M3460R-L100-E4-D	48.00" x 24.00" x 13.50"
			4 Minutes	M3460B-L100-240-E5-D*	60.00" x 24.00" x 13.50"
	125 kW	425 A	2 Seconds	M3460R-L125-E4-D	48.00" x 24.00" x 13.50"
380 - 415 VAC					
	43 kW	85 A	2 Seconds	M3460R-E043-E1-D	30.00" x 24.00" x 13.50"
			4 Minutes	M3460B-E043-240-E2-D*	36.00" x 24.00" x 13.50"
	65 kW	127 A	2 Seconds	M3460R-E065-E1-D	30.00" x 24.00" x 13.50"
			4 Minutes	M3460B-E065-240-E3-D*	40.00" x 24.00" x 13.50"
	87 kW	170 A	2 Seconds	M3460R-E087-E2-D	36.00" x 24.00" x 13.50"
			4 Minutes	M3460B-E087-240-E3-D*	40.00" x 24.00" x 13.50"
	130 kW	255 A	2 Seconds	M3460R-E130-E4-D	48.00" x 24.00" x 13.50"
			4 Minutes	M3460B-E130-240-E5-D*	60.00" x 24.00" x 13.50"
	175 kW	340 A	2 Seconds	M3460R-E175-E4-D	48.00" x 24.00" x 13.50"
			4 Minutes	M3460B-E175-240-E5-D*	60.00" x 24.00" x 13.50"
	215 kW	425 A	2 Seconds	M3460R-E215-E4-D	48.00" x 24.00" x 13.50"
460 - 480 VAC					
	50 kW	85 A	2 Seconds	M3460R-H050-E1-D	30.00" x 24.00" x 13.50"
			4 Minutes	M3460B-H050-240-E2-D*	36.00" x 24.00" x 13.50"
	75 kW	127 A	2 Seconds	M3460R-H075-E1-D	30.00" x 24.00" x 13.50"
			4 Minutes	M3460B-H075-240-E3-D*	40.00" x 24.00" x 13.50"
	100 kW	170 A	2 Seconds	M3460R-H100-E2-D	36.00" x 24.00" x 13.50"
			4 Minutes	M3460B-H100-240-E3-D*	40.00" x 24.00" x 13.50"
	150 kW	255 A	2 Seconds	M3460R-H150-E4-D	48.00" x 24.00" x 13.50"
			4 Minutes	M3460B-H150-240-E5-D*	60.00" x 24.00" x 13.50"
	200 kW	340 A	2 Seconds	M3460R-H200-E4-D	48.00" x 24.00" x 13.50"
			4 Minutes	M3460B-H200-240-E5-D*	60.00" x 24.00" x 13.50"
	250 kW	425 A	2 Seconds	M3460R-H250-E4-D	48.00" x 24.00" x 13.50"

* Energy Storage and Charger Required



M5628 Charger

Energy storage devices such as batteries and capacitors are required for outage protection. A charger is necessary to keep the energy storage reservoirs at the appropriate levels.



Digital Display

The ASM 3660DD5 is an interactive digital display for the 3460 Series that monitors and stores history of power quality issues, including status, voltage, and current.



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