

Battery and Capacitor Charger



**Undervoltage
Solutions**



BONITRON

M3528 Series

Bonitron M3528 Chargers maintain energy levels in batteries and ultracapacitors.

Some industrial systems require back-up power to protect critical processes from power outages and voltage sags. 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.

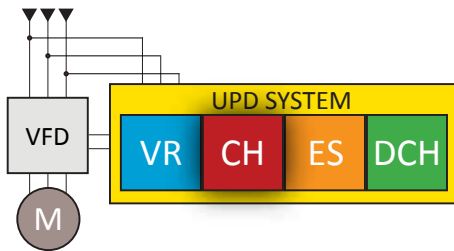
Uninterruptible Power for Drives (UPD)

Parallel Connection

- High Reliability
- Seamless power transfer

Increased Efficiency

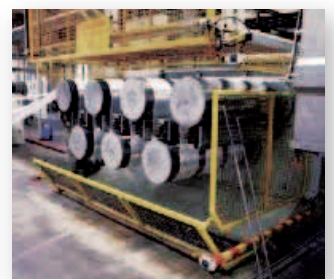
- Ultra low standby power
- Sized to drive systems
- Few AC/DC conversions



Product Highlights

- Maintain energy levels in batteries and ultracapacitors
- Adjustable current limit
- LED indicators
- Isolated status contacts

Industry Applications



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



www.bonitron.com



615-244-2825

info@bonitron.com



Model Number Selection

	Charger					
	Max Charge Current	Input Voltage	Model Number	Charge Voltage	Dimensions (H x W x D)	
208 - 230VAC						
	10A	160-253VAC	M3528AC-L010-A6	175-325VDC	18.60" x 6.25" x 11.25"	
	10A	250-375VAC	M3528DC-L010-A6	175-325VDC	18.60" x 6.25" x 11.25"	
	20A	160-253VAC	M3528AC-L020-K8	175-325VDC	20.00" x 8.20" x 11.10"	
460 - 480VAC						
	10A	277-506VAC	M3528AC-H010-A6	325-600VDC	18.60" x 6.25" x 11.25"	
	10A	375-713VAC	M3528DC-H010-A6	325-600VDC	18.60" x 6.25" x 11.25"	
	20A	277-506VAC	M3528AC-H020-K8	325-600VDC	20.00" x 8.20" x 11.10"	

Isolation Transformer required. Contact Bonitron for sizing.



Bold items are UL Listed when used with capacitors



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.

Energy Storage Solutions



Batteries

The M3528B is a Battery Bank designed to provide emergency power during power outages. Multiple units can be connected for higher voltages and for longer outage protection.



Ultracapacitors

The M3528UC is a Ultracapacitor module used to prevent power sags and outages for variable frequency drives. The M3528UC is used within a UPD system to provide full outage protection for up to 2 seconds.



Learn more at
**Bonitron.com/
undervoltage**



Scan for more
Information

111016_20140430