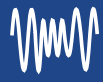


Capacitor Discharger



Undervoltage Solutions



BONITRON

M3628 Series

The M3628 Series discharges capacitor banks to safe working levels quickly, allowing work on the system to begin in seconds, rather than hours.

A complete M3628 system consists of a M3628T Transistor, which act as the controller, and a M3628R Resistor, which dissipates the stored energy as heat. The discharge cycle can be started or stopped at any time via an optically coupled enable input, and units may be paralleled for faster discharge times or for larger energy banks.

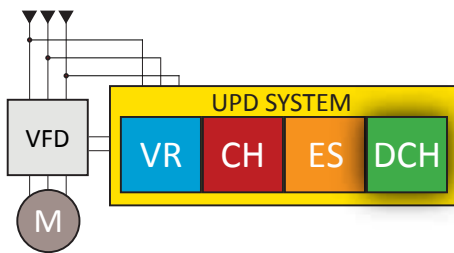
Uninterruptible Power for Drives (UPD)

Parallel Connection

- High Reliability
- Seamless power transfer

Increased Efficiency

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



Product Highlights

- Discharge energy in electrolytic and ultracapacitors
- Consists of transistor and resistor
- LED indicators
- Units may be paralleled for faster discharge

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

Charge Voltage (VDC)	Capacitance (Farad)	Energy (kJ)	M3628T Transistor	M3628R Resistor
400 VDC	4.4 F	350 kJ	M3628T-H150-B5	M3628R-05.0-0350-6T
	9.4 F	750 kJ		M3628R-03.0-0750-6H
400 VDC	19 F	1500 kJ	M3628T-H600-B7	M3628R-00.8-1500-6H
	25 F	2000 kJ		M3628R-00.8-2000-6H
	38 F	3000 kJ		M3628R-00.7-3000-10H
	50 F	4000 kJ		M3628R-00.7-4000-14H
450 VDC	3.5 F	350 kJ	M3628T-H150-B5	M3628R-05.0-0350-6T
	7.4 F	750 kJ		M3628R-03.0-0750-6H
450 VDC	15 F	1500 kJ	M3628T-H600-B7	M3628R-00.8-1500-6H
	20 F	2000 kJ		M3628R-00.8-2000-6H
	30 F	3000 kJ		M3628R-00.8-3000-10H
	40 F	4000 kJ		M3628R-00.8-4000-14H
500 VDC	2.8 F	350 kJ	M3628T-H150-B5	M3628R-03.5-0350-6T
	6.0 F	750 kJ		M3628R-03.5-0750-6H
500 VDC	12 F	1500 kJ	M3628T-H600-B7	M3628R-01.0-1500-6H
	16 F	2000 kJ		M3628R-01.0-2000-6H
	24 F	3000 kJ		M3628R-09.0-3000-10H
	32 F	4000 kJ		M3628R-09.0-4000-14H
550 VDC	2.3 F	350 kJ	M3628T-H150-B5	M3628R-04.0-0350-6T
	4.9 F	750 kJ		M3628R-04.0-0750-6H
550 VDC	10 F	1500 kJ	M3628T-H600-B7	M3628R-01.0-1500-6H
	13 F	2000 kJ		M3628R-01.0-2000-6H
	20 F	3000 kJ		M3628R-01.0-3000-10H
	26 F	4000 kJ		M3628R-01.0-4000-14H
600 VDC	1.9 F	350 kJ	M3628T-H150-B5	M3628R-04.0-0350-6T
	4.2 F	750 kJ		M3628R-04.0-0750-6H
600 VDC	8.3 F	1500 kJ	M3628T-H600-B7	M3628R-01.0-1500-6H
	11 F	2000 kJ		M3628R-01.0-2000-6H
	17 F	3000 kJ		M3628R-01.0-3000-10H
	22 F	4000 kJ		M3628R-01.0-4000-14H

*Contact Bonitron for additional voltages and sizes

Specifications

M3628R

Joules..... 350kJ to 4mJ

Duty Cycle..... 1 discharge at rated Joules every 60 minutes with no forced air cooling

M3628T

Duty Cycle.....3 discharges @ rated Joules every 30 minutes with no forced air cooling

Control Voltage.....Derived from capacitor bus



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Uninterruptible Power for Drives

- Protect critical processes from power fluctuations
- Reduce production equipment damage
- Maximize uptime and increase profit

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Learn more at Bonitron.com/undervoltage



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