

Our popular line of AC/DC converters includes devices in a number of different configurations. "PM" devices are plug-in type potted modules with single, dual or triple outputs. "CM" devices are chassis mounted with connections made to a terminal strip on top of the modules. The USC-5/5 is a chassis mounted switching AC/DC with a 5V/5A output. The UPA-5/500 is a wall plug-in unit offering 5V/500mA of isolated output power. All are current limited and short-circuit protected.

Performance Specifications							Common Specifications		
Model	Output				Input V <sub>IN</sub> Nom. (Volts)	Package Size (inches)	Input Voltage Range	115Vac (±10%, 60-440Hz)	
	V <sub>OUT</sub> (Volts)	I <sub>OUT</sub> (mA)	Ripple/Noise (mVrms, Max.)	Regulation (Max.)					
				Line					Load
BCM-15/300	±15	±300	2	±0.02%	±0.05%	115Vac	2.5 x 3.5 x 1.56	Temperature Coefficient	±0.02%/°C
BPM-15/300	±15	±300	2	±0.02%	±0.05%	115Vac	2.5 x 3.5 x 1.56	Transient Recovery Time	50µsec
TPM-12/150-5/1000	±12.5	±150, 1000	2, 1	±0.02%, 0.05%	±0.05%, 0.1%	115Vac	2.5 x 3.5 x 1.56	Breakdown Voltage	150Vac
TPM-15/150-5/1000	±15.5	±150, 1000	2, 1	±0.02%, 0.05%	±0.05%, 0.1%	115Vac	2.5 x 3.5 x 1.56	Case Material	Phenolic
UCM-5/2000	5	2000	1	±0.05%	±0.1%	115Vac	2.5 x 3.5 x 1.56	Output Accuracy	±1%
UPA-5/500	5	500	8	±0.3%	±0.3%	115Vac	Wall Plug-in	Isolation Resistance	100MΩms
UPM-5/2000	5	2000	1	±0.05%	±0.1%	115Vac	2.5 x 3.5 x 1.56	Operating Temperature	-25 to +71°C
USC-5/5	5	5000	50mVp-p	±0.05%	±0.1%	115Vac	2.5 x 3.5 x 1.56	Storage Temperature	-25 to +85°C

Contact your local DATEL sales office for data sheets on products listed in this catalog.

## UPM/BPM Series

### 1-4.5 Watt, Single and Dual, Linear DC/DC Converters

Performance Specifications							Common Specifications		
Model	Output				Input V <sub>IN</sub> Nom. (Volts)	Package Size (inches)	Input Voltage Range	±0%	
	V <sub>OUT</sub> (Volts)	I <sub>OUT</sub> (mA)	Ripple/Noise (mVrms, Max.)	Regulation (Max.)					
				Line					Load
UPM-5/200-D12	5	200	2	±0.05%	±0.1%	12	2.0 x 1.5 x 0.375	Temperature Coefficient	±0.02%/°C
UPM-28/25-D5	28	25	2	±0.05%	±0.05%	5	2.0 x 1.5 x 0.375	Transient Recovery Time	50µsec
UPM-28/100-D5	28	100	2	±0.05%	±0.05%	5	2 x 2 x 0.4	Breakdown Voltage	300Vdc Min.
BPM-12/25-D5	±12	±25	2	±0.05%	±0.05%	5	2.0 x 1.5 x 0.375	Case Material	D allyl Phthalate
BPM-15/150-D5	±15	±150	1	±0.05%	±0.05%	5	2 x 2 x 0.4	Output Accuracy	±1%
BPM-15/150-D28	±15	±150	1	±0.05%	±0.05%	28	2 x 2 x 0.4	Operating Temperature	-25 to +71°C
								Storage Temperature	-55 to +85°C

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