

## SPECIFICATIONS

<b>AC Input:</b>	100/120/220/240 VAC + 10%, -12%, 47-63 Hz. See AC connection table under APPLICATION NOTES for jumper information. Fuse information is next to outline and mounting drawings.
<b>DC Output:</b>	See Voltage/Current Rating Chart. Adjustment range $\pm 5\%$ minimum.
<b>Line Regulation:</b>	$\pm 0.05\%$ for a 10% line change
<b>Load Regulation:</b>	$\pm 0.05\%$ for a 50% load change
<b>Output Ripple:</b>	2V to 15V unit: 5.0mV PK-PK maximum 20V to 28V unit: 0.02% PK-PK maximum
<b>Transient Response:</b>	50 $\mu$ seconds for 50% load change
<b>Short Circuit and Overload Protection:</b>	Automatic current limit/foldback
<b>Overvoltage Protection:</b>	Built-in on all 5V outputs. Set at 6.2V $\pm 0.4$ V. Other models use optional overvoltage protection.
<b>Remote Sensing:</b>	Provided on most models, open sense load protection built in.
<b>Stability:</b>	$\pm 0.3\%$ for 24 hour period after 1 hour warm-up
<b>Temperature Rating:</b>	Operation: 0°C to +70°C Above 50°C, derates linearly to 40% at 70°C (Low temperature option -40°C to order)
<b>Storage:</b>	-40°C to +85°C
<b>Temperature Coefficient:</b>	$\pm 0.03\%/^{\circ}\text{C}$ maximum
<b>Efficiency (typical):</b>	5V unit: 45%; 12V and 15V units: 55% 20V and 24V units: 60%
<b>Vibration:</b>	Per MIL-STD-810C, Method 514, Procedure X
<b>Shock:</b>	Per MIL-STD-810C, Method 516, Procedure V
<b>EMC:</b>	These component power supplies have inherently very low conducted & radiated noise levels. We have tested some of our units which passed the requirements of BS EN5022B.
<b>Isolation:</b>	Input to ground: 3750 VAC min. Input to output(s): 3750 VAC min. Output to ground: 500 VAC min. Leakage current (live to ground): 25 $\mu$ A max.
<b>Safety:</b>	Designed to meet UL1950, IEC950 & UL544 specifications. Split safety bobbin, CE marked (LVD) see also application notes.
<b>Covers:</b>	Available for case sizes A, AA, B, C, D & E.
<b>Connections:</b>	A.C. input: Solder joint or push on crimped connector (tab size 2.8mm) D.C. output: Solder joint or push on crimped connector (AMP 0.25" Faston)