

## APS75EMG SERIES:



### 75 Watts / Single Output

- 4.92 x 243 x 1.28" UL94V-0 Plastic Case (Desktop)

### Features:

- Universal AC Input (90~264 VAC Input Range)
- <0.5W No Load Power Consumption
- 84-85% Efficiency (Typical)
- Level V Compliant
- Class B Emissions (EN55011)
- IEC / EN 60601-1 3rd Edition Medical Approvals
- 2 Year Warranty

### INPUT:

Input Voltage	90~264 VAC (Universal AC Input)
Input Frequency	47-63Hz
Inrush Current	57.6A @ 230 VAC Cold Start
Input Current	1.2A @ 115VAC / 0.59A@230 VAC
Input Protection	Dual Fuse
Hold-Up Time	15.7ms @ 115VAC / 82.6mS @ 230VAC
Leakage Current	<100 $\mu$ A @ 240 VAC Maximum
Harmonics	EN61000-3-2 Class A Compliant
No Load Power Power	<0.5W @ 264 VAC (No Load)

### GENERAL:

Efficiency	84-85% typical
Operating Temperature	0-40°C Full Load
Storage Temperature	-20°C to +85°C
Cooling	Convection Cooled
Operating Humidity	5-95% RH, Non-Condensing
Vibration	5 ~ 50 Hz, acceleration 7.35 m/s*s on X,Y and Z Axis
MTBF	>100k Hrs (according to MIL-HBK-217F) at 25°C

### OUTPUT:

Minimum Load	n/a
Line Regulation	$\pm$ 0.1% max
Load Regulation	$\pm$ 3% max
Ripple & Noise	$\pm$ 1% typ. pk-pk @ 20MHz
Overload Protection	Factory Set at 125-150% of max power (Foldback)
Over Voltage	Latching >130% of nominal
Short Circuit Protection	Continuous (auto-recovery)

### APPROVALS:

Emissions	EN55011 Class B
Safety Approvals	IEC60601-1 (3rd Edition) EN60601-1 (3rd Edition) UL60601-1 CE Mark (LVD)

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### Output Specifications:

Model:	Vout	Max Output Current
APS75EMG-120530-x-ccc	12	5.30
APS75EMG-150470-x-ccc	15	4.70
APS75EMG-180400-x-ccc	18	4.0
APS75EMG-240280-x-ccc	24	2.80
APS75EMG-480150-x-ccc	48	1.50

- Standard Cable Length is 6 feet.
- Consult factory for unique voltage setpoints while maintaining safety approvals.
- Replace "x" to designate desired input connector option as follows: 7 = IEC-320 C14 Inlet / 8 = IEC320 C8 Inlet
- Replace "ccc" to designate desired output connector, see connector options at <http://advpower.com/dcconnector.pdf>

