

## APS75EG SERIES:



### 75 Watts / Single Output

- 5.00 x 2.01 x 1.16 " UL94V-0 Plastic Case (Desktop)

### Features:

- Universal AC Input (90~264 VAC Input Range)
- CEC Level IV Compliant
- Class B Emissions
- International Safety Approvals
- 2 Year Warranty

### INPUT:

Input Voltage	90~264 VAC (Universal AC Input)
Input Frequency	47-63Hz
Inrush Current	9.9A @ 230 VAC Cold Start
Input Current	1.23A @ 115VAC / 0.67@230 VAC
Input Protection	Single Fuse
Hold-Up Time	16.8ms Minimum
Leakage Current	<500 $\mu$ A @ 240 VAC Maximum
Harmonics	EN61000-3-2 Class A Compliant
Green Power	<0.5W @ 264 VAC (No Load)

### GENERAL:

Efficiency	85-89% 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	>50k Hrs (according to MIL-HBK-217F) at 25°C

### OUTPUT:

Minimum Load	n/a
Line Regulation	$\pm$ 0.1% max
Load Regulation	$\pm$ 5% max
Ripple & Noise	$\pm$ 2% typ. pk-pk @ 20MHz
Overload Protection	110-135% of max power (Foldback)
Over Voltage	Latching >130% of nominal
Short Circuit Protection	Continuous (auto-recovery)

### EMC:

Electrostatic Discharge	EN61000-4-2, $\pm$ 8KV Air Discharge
Radiated Susceptibility	EN61000-4-3, 26-1000MHz, 10V/M, 80% AM
EFT / Bursts	EN61000-4-4, $\pm$ 2KV
Surges	EN61000-4-5, $\pm$ 2KV Line-Earth, $\pm$ 1KV Line-Line
Conducted Immunity	EN61000-4-6, 0.15-800MHz, 10V, 80% AM
Voltage Dips	EN61000-4-10, 95% Dip & 10ms, 30% Dip & 500ms
Voltage Interruptions	EN61000-4-11, 95% reduction, 5s
Fluctuations & Flicker	EN61000-3-3

Safety Approvals are pending

### APPROVALS:

Emissions EN55022 "B", FCC Part 15 Subject J Class B

Safety Approvals  
 UL/cUL 60950-1 (pending)  
 TÜV EN60950-1 (pending)  
 CB IEC60950-1 (pending)  
 CCC Certified (pending)  
 CE Mark (LVD) (pending)

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### Output Specifications:

Model:	Vout	Max Output Current
APS75EG-S120500-7L	12	5.00
APS75EG-S240250-7L	24	2.50
APS75EG-S300200-7L	30	2.00
APS75EG-S360210-7L	36	2.10
APS75EG-S480156-7L	48	1.56

- Standard Cable Length is 6 feet.
- Consult factory for unique voltage setpoints with safety approvals.
- Additional suffix to designate output connector is required, see connector options at <http://advpower.com/dcconnector.pdf>

### OUTLINE DRAWING:

