



**Features:**

- \* Universal AC Input
- \* Active Power Factor Correction for EN61000-3-2 Compliance
- \* Small Desktop package
- \* Worldwide Safety Approvals
- \* EN55022 & FCC Class B Emissions
- \* CE Mark

**Input**

Input Voltage Universal (90-264 VAC)  
 Input Frequency 47-63Hz  
 Inrush Current 29A Max  
 Input Current 1.1A @ 115 VAC / 0.55A @ 230 VAC Max  
 Hold-Up Time 23ms typc @ 115 & 230 VAC / Full Load  
 Power Factor 0.95 - 0.99 typical

**General**

Efficiency 80% Typ.  
 Switching Frequency 165KHz  
 Operating Temperature 0 to 40°C full load, derate 5% per °C to 50°C max.  
 Storage Temperature -20°C to +85°C  
 Cooling Self Cooling / Fan Enclosed  
 Temp Co-Efficient 0.04% per °C  
 Toplogy Fixed frequency forward circuit

**Output**

Minimum Load n/a  
 Line Regulation 0.1% typ.  
 Load Regulation 1.5-3% typ.  
 Ripple & Noise 1% typ. pk-pk @ 20MHz  
 Overload Protection >110-130% of rated load  
 OverVoltage Protection Latch  
 Adjustment Fixed  
 Transient Response voltage returns < 0.1mS following a 25% load change

**EMC & Safety**

Emissions EN55022 "B", FCC Class B

Safety Approvals UL/cUL60950-1  
 EN60950-1  
 CE Mark (LVD)

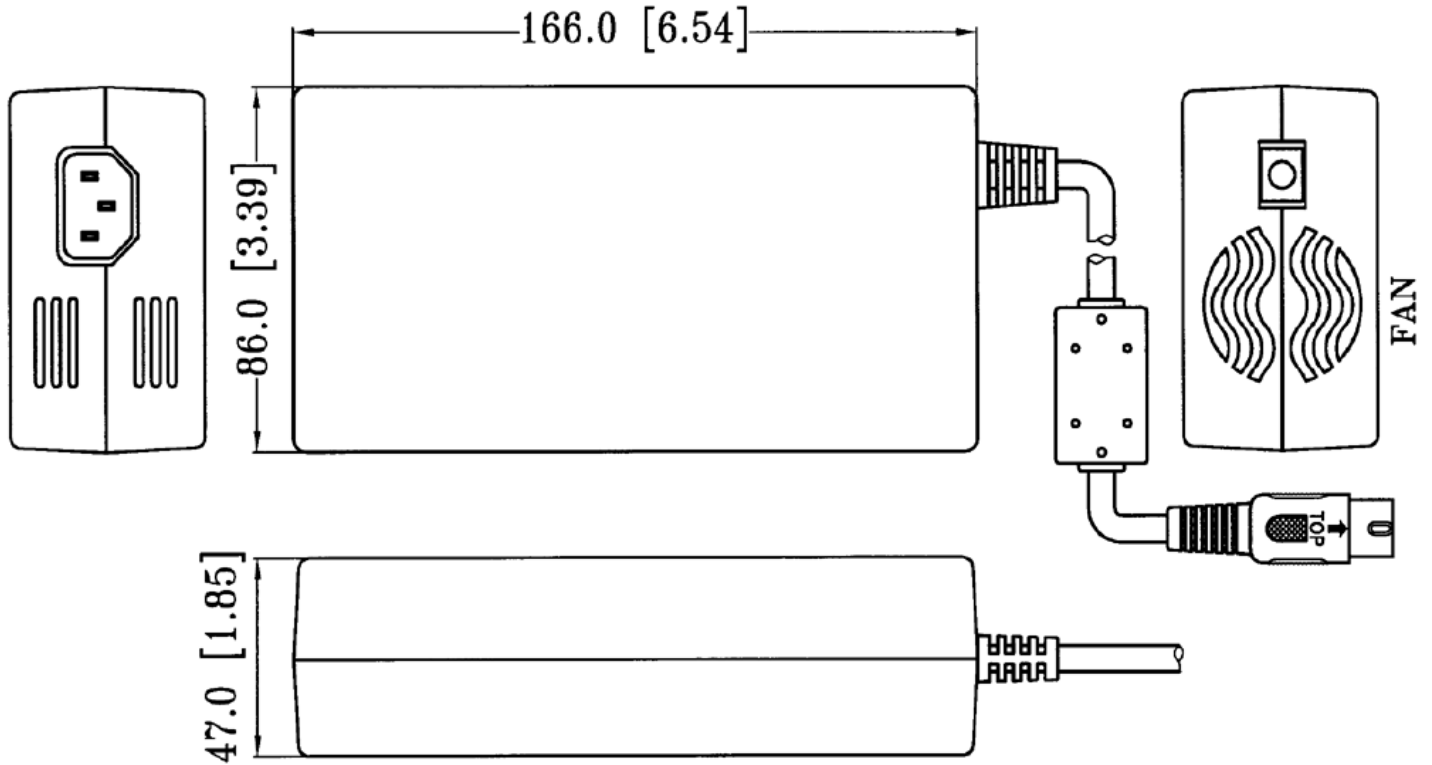


**Model Number**

**Output**

APS103EP -050160	5.0V @ 16.0A
APS103EP -060140	6.0V @ 14A
APS103EP -090110	9.0V @ 11A
APS103EP -120085	12.0V @ 8.5A
APS103EP -150068	15.0V @ 6.8A
APS103EP -180056	18.0V @ 5.6A
APS103EP -240042	24.0V @ 4.2A
APS103EP -480021	48.0V @ 2.1A

Mechanical Details



Notes

WEIGHT: 777g (27.4 Oz.)

Standard Output Cable Length is 1 meter

See Output Connector Chart for standard output connector options