



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)

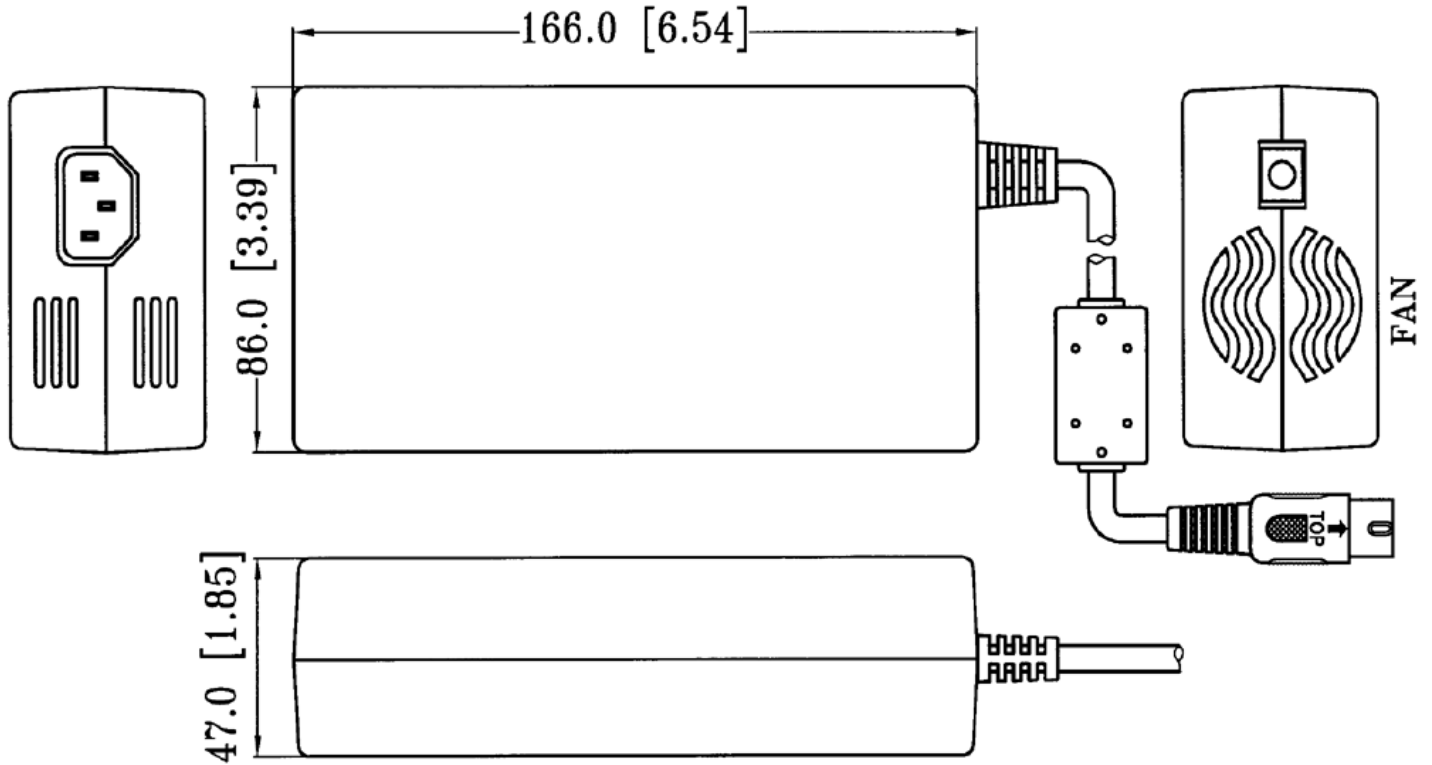


Model Number

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