



### Features:

- \* Universal AC Input
- \* Active Power Factor Correction per EN61000-3-2
- \* 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 60A Max  
 Input Current 0.7A @ 115 VAC / 0.37A @ 230 VAC Max  
 Hold-Up Time 12ms @ 115 VAC / 75ms @ 230 VAC Full Load  
 Power Factor 0.95 - 0.99 Typical

### General

Efficiency 87% Typ.  
 Switching Frequency 73KHz  
 Operating Temperature 0 to 40°C full load, derate 5% per °C to 50°C max.  
 Storage Temperature -20°C to +85°C  
 Cooling Convection  
 Temp Co-Efficient 0.04% per °C  
 Toplogy Fixed frequency flyback circuit

### Output

Minimum Load n/a  
 Line Regulation ±0.1% typ.  
 Load Regulation 3% typ.  
 Ripple & Noise 1% typ. pk-pk @ 20MHz  
 Overload Protection >116% of rated load  
 OverVoltage Protection Latch  
 Adjustment Fixed  
 Transient Response voltage returns < 0.4mS following a 50% load change

### EMC & Safety

Emissions EN55022 "B", FCC Class B

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



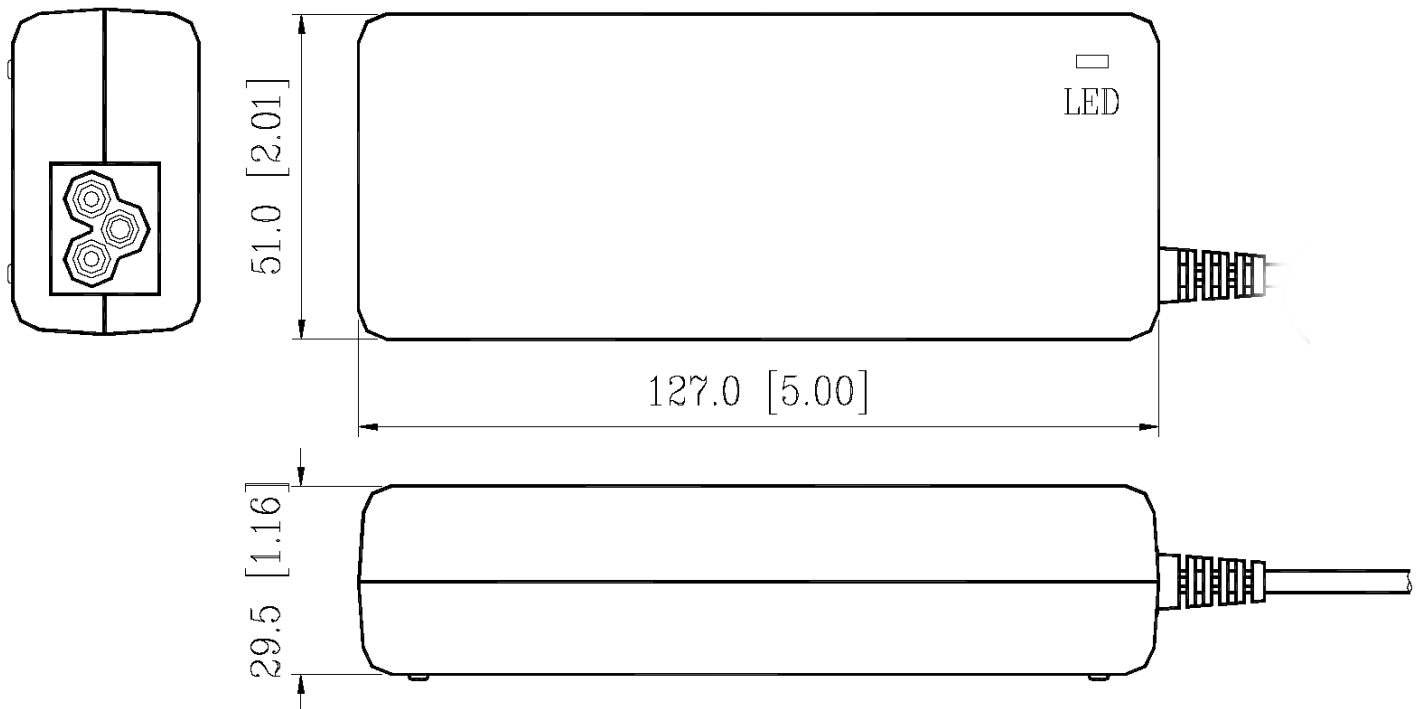
### Model Number

### Output

APS70EP-S160400	16.0V @ 4.0A
APS70EP-S180380	18.0V @ 3.8A
APS70EP-S190370	19.0V @ 3.7A
APS70EP-S200360	20.0V @ 3.6A

*Mechanical Details*

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*Notes*

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WEIGHT: 324g (11.50 Oz.)

Standard Output Cable Length is 6 feet

See Output Connector Chart for standard output connector options