



Size: 4.92 x 2.43 x 1.26"

Features:

- * Universal AC Input (85-264 VAC)
- * Very Low Leakage Current of <math>< 100 \mu A</math> @ 230 VAC
- * Worldwide Medical Safety Approvals
- * EN55011 & FCC Class B Emissions
- * CE Mark

Input

Input Voltage 90-264 VAC
 Input Frequency 47-63Hz
 Inrush Current 32A Max @ 230 VAC Cold Start
 Input Current 0.79A @ 115 VAC / 0.37 @ 230 VAC Typical
 Hold-Up Time 15ms @ 115 VAC / 60ms @ 230 VAC Full Load
 Leakage Current <math>< 100 \mu A</math> @ 230 VAC

General

Efficiency 85-87%Typ.
 Switching Frequency 85-110KHz
 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

Output

Minimum Load None
 Line Regulation $\pm 0.1\%$ typ.
 Load Regulation $\pm 1.5 - 3\%$ typ..
 Ripple & Noise $\pm 1\%$ typ. pk-pk @ 20MHz
 Overload Protection 115-130 % max. or custom settings (auto recovery)
 OverVoltage Protection Latch
 Adjustment Fixed
 Transient Response voltage returns <math>< 3mS</math> following a 50% load change

EMC & Safety

Emissions EN55011 "B", FCC Class B

Safety Approvals UL/cUL60601-1
 EN60601-1
 CE Mark (LVD)

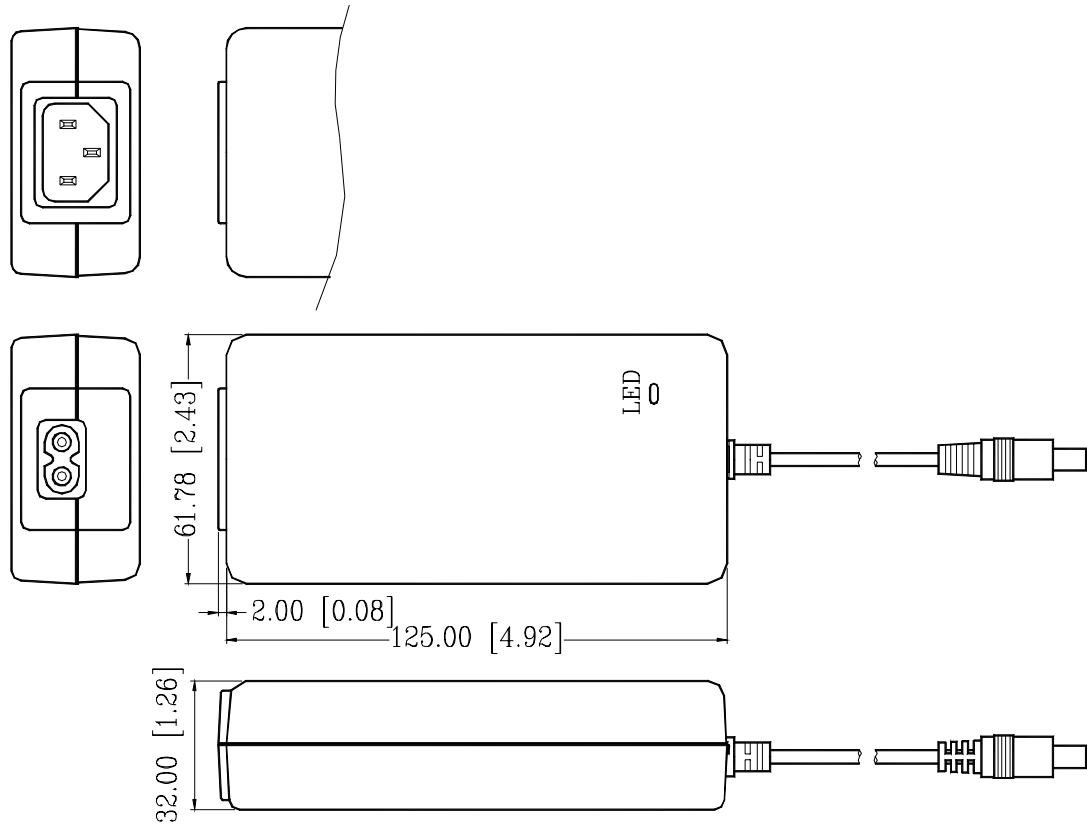


Model Number

Output

Model Number	Input	Output
APS49ES-05060	3-Pin AC Input	5.0Vdc @ 6.0A
APS49ES-07550	3-Pin AC Input	7.5Vdc @ 5.0A
APS49ES-12040	3-Pin AC Input	12.0Vdc @ 4.0A
APS49ES-15033	3-Pin AC Input	15.0Vdc @ 3.3A
APS49ES-24021	3-Pin AC Input	24.0Vdc @ 2.1A
APS49ES-30017	3-Pin AC Input	30.0Vdc @ 1.7A
APS49ES-12040-8	2-Pin AC Input	12.0Vdc @ 4.0A
APS49ES-15033-8	2-Pin AC Input	15.0Vdc @ 3.3A
APS49ES-24021-8	2-Pin AC Input	24.0Vdc @ 2.1A
APS49ES-30017-8	2-Pin AC Input	30.0Vdc @ 1.7A

Mechanical Details



Notes

WEIGHT: 373g (13.20z)

Cable Length is 6 feet. See connector table for connector options.