



Features:

- * Universal AC Input
- * 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 25A Max
 Input Current 0.34 @ 115 VAC / 0.17A @ 230 VAC Max
 Hold-Up Time 15ms @ 115 VAC / 60ms @ 230 VAC Full Load

General

Efficiency 78% Typ.
 Switching Frequency 60KHz
 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 20% on V1 of Multi Output Models only
 Line Regulation $\pm 0.1\%$ typ.
 Load Regulation $V1 = \pm 3\% \mid V2 = \pm 4\% \mid V3 = \pm 6\%$ Max
 Ripple & Noise $\pm 1\%$ typ. pk-pk @ 20MHz
 Overload Protection 125-150%, Auto-recovery
 OverVoltage Protection Zener Diode Clamp
 Adjustment Fixed
 Transient Response voltage returns < 3mS following a 25% load change

EMC & Safety

Emissions EN55022 "B", FCC Class B

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

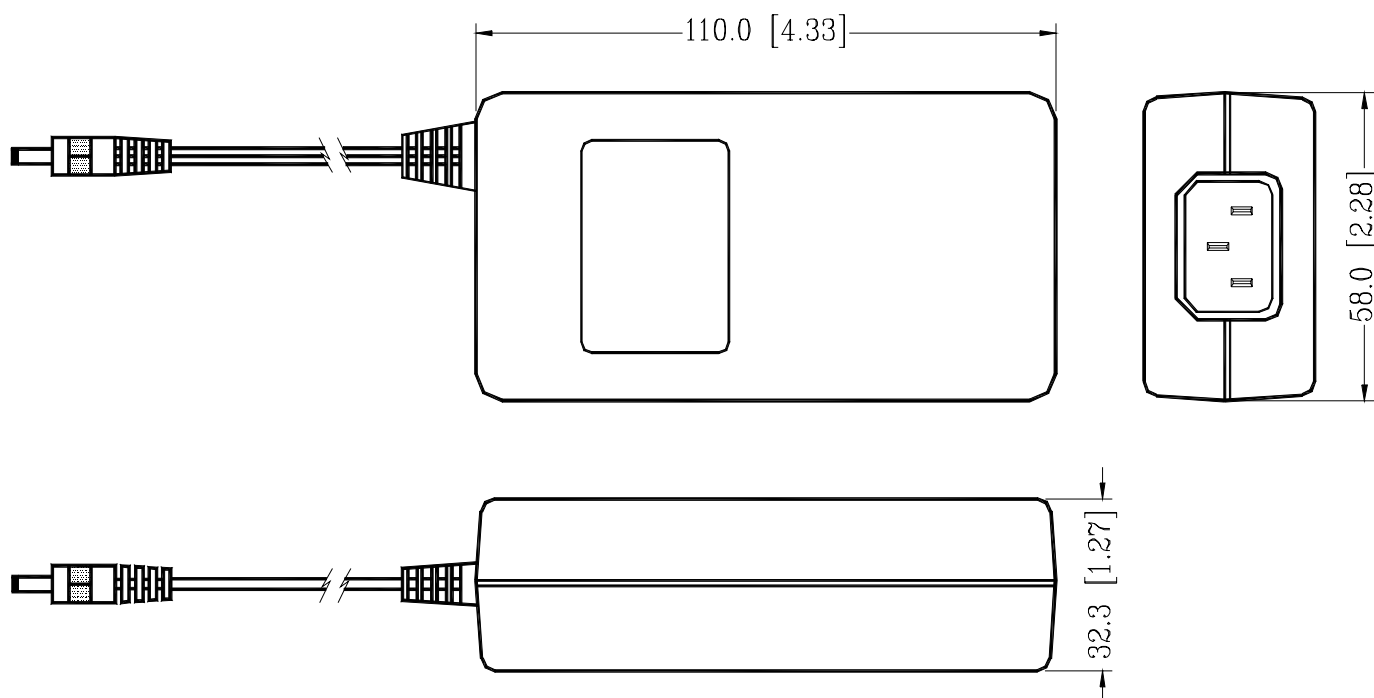


Model Number

Output

APS24ES-05040	5.0V @ 4.0A
APS24ES-07527	7.5V @ 2.7A
APS24ES-12020	12.0V @ 2.0A
APS24ES-15016	15.0V @ 1.6A
APS24ES-18013	18.0V @ 1.3A
APS24ES-24010	24.0V @ 1.0A
APS24ES-30008	30.0V @ 0.8A
APS24ES-05015-B	+5.0V @ 1.5A +12.0V @ 1.5A
APS24ES-12010-G	+12.0V @ 1.0A -12.0V @ 1.0A
APS24ES-15008-H	+15.0V @ 0.8A -15.0V @ 1.2A
APS24ES-24005-G	+24.0V @ 0.5A -12.0V @ 1.0A
APS24ES-05030-BG	+5.0V @ 3.0A +12.0V @ 0.50A -12.0V @ 0.250A
APS24ES-05030-BH	+5.0V @ 3.0A +12.0V @ 0.50A -15.0V @ 0.200A
APS24ES-05030-EJ	+5.0V @ 3.0A +24.0V @ 0.25A -24.0V @ 0.125A

Mechanical Details



Notes

WEIGHT: 330g (11.6 Oz.)

Standard Output Cable Length is 6 feet

See Output Connector Chart for standard output connector options