



Features:

- * Universal AC Input
- * Small Desktop package
- * Very Low Profile
- * 2 Pin AC Input Connector (No Ground Required)
- * Worldwide Safety Approvals
- * EN55022 & FCC Class B Emissions
- * CE Mark

Input

Input Voltage	Universal (90-264 VAC)
Input Frequency	47-63Hz
Inrush Current	30A Max
Input Current	1.0 @ 115 VAC / 0.33A @ 230 VAC Max
Hold-Up Time	8ms @ 115 VAC / 50ms @ 230 VAC Full Load

General

Efficiency	85% Typ.
Switching Frequency	90KHz
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
Topology	Fixed frequency flyback circuit

Output

Minimum Load	n/a
Line Regulation	±0.1% typ.
Load Regulation	±3 - 5% typ.
Ripple & Noise	±1% typ. pk-pk @ 20MHz
Overload Protection	125-150%, Auto-recovery (custom settings upon request)
OverVoltage Protection	Zener Diode Clamp
Adjustment	Fixed
Transient Response	voltage returns < 3mS following a 50% load change

EMC & Safety

Emissions EN55022 "B", FCC Class B

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



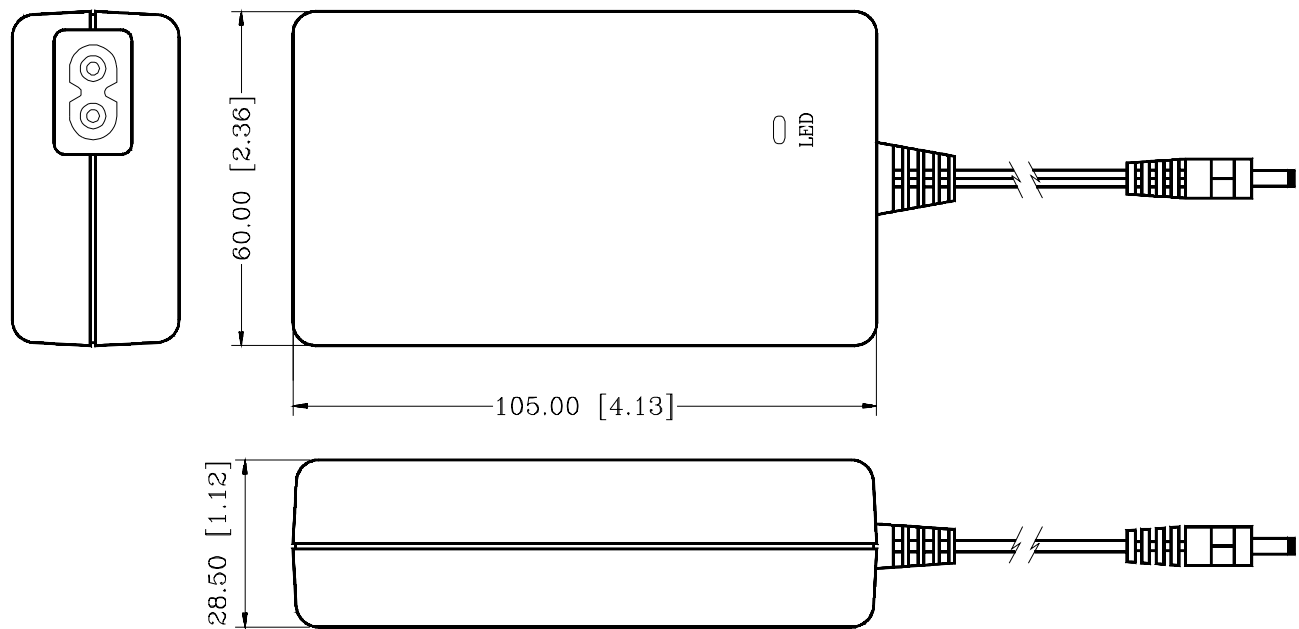
Model Number

APS45ES-12034
APS45ES-15028
APS45ES-18024
APS45ES-24018
APS45ES-30015

Output

12.0VDC @ 0.1A - 3.4A
15.0VDC @ 0.1A - 2.8A
18.0VDC @ 0.1A - 2.4A
24.0VDC @ 0.1A - 1.8A
30.0VDC @ 0.1A - 1.5A

Mechanical Details



Notes

WEIGHT: 178g (6.28 Oz.)

Standard Output Cable Length is 6 feet

See Output Connector Chart for standard output connector options