



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	30A Max
Input Current	1.3A @ 115 VAC / 0.55A @ 230 VAC Max
Hold-Up Time	12ms @ 115 VAC / 75ms @ 230 VAC Full Load

Output

Minimum Load	n/a
Line Regulation	±0.1% typ.
Load Regulation	V1 = ±1.5 -3% V2 = ±3 - 5% V3 = ±1 -2% typ.
Ripple & Noise	1% typ. pk-pk @ 20MHz
Overload Protection	Optional (customer specified)
OverVoltage Protection	Zener Diode Clamp
Adjustment	Fixed
Transient Response	voltage returns < 3mS following a 25% load change

General

Efficiency	80-86% Typ.
Switching Frequency	85KHz
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

EMC & Safety

Emissions	EN55022 "B", FCC Class B
Safety Approvals	UL/cUL60950-1 EN60950-1 CE Mark (LVD)

Model Number	Output
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APS65ES-330800	3.3V @ 8.00A
APS65ES-500750	5.0V @ 7.50A
APS65ES-090670	9.0V @ 6.70A
APS65ES-120520	12.0V @ 5.20A
APS65ES-150430	15.0V @ 4.30A
APS65ES-180360	18.0V @ 3.60A
APS65ES-196340	19.6V @ 3.40A
APS65ES-240277	24.0V @ 2.77A
APS65ES-360185	36.0V @ 1.85A
APS65ES-480140	48.0V @ 1.40A

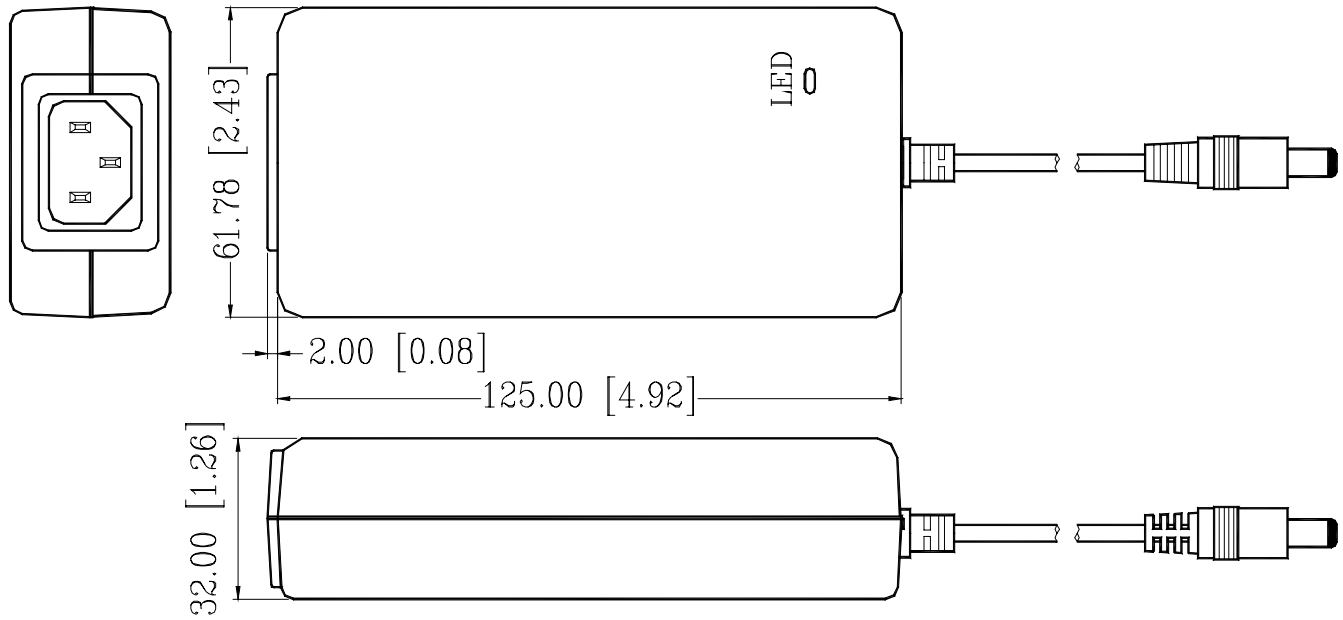


Add Suffix "-G" for Gaming Applications (< 500uA Leakage Current & Class A Emissions)



All Advanced Power Solutions (APS) products will be RoHS compliant. Products that are compliant will bear the suffix "-LF" in their part number. APS will continue to ship non-RoHS product until all inventory has been consumed unless customer's have specifically ordered the parts with the "-LF" suffix.

Mechanical Specifications:



WEIGHT: 320g (11.30 Oz.)

Standard Output Cable Length is 6 feet

See Output Connector Chart for standard output connector options