



Features:

- * Universal AC Input
- * Small Desktop package
- * UL60601-1 / EN60601-1 Medical Safety Approvals
- * CE Mark (LVD)
- * EN55011 & FCC Class B Emissions
- * CE Mark

Input

Input Voltage	Universal (90-264 VAC)
Input Frequency	47-63Hz
Inrush Current	60A Max
Input Current	1.24A @ 115 VAC / 0.87A @ 230 VAC Max
Hold-Up Time	20ms @ 115 VAC / 102ms @ 230 VAC Full Load
Leakage Current	<200µA

Output

Minimum Load	n/a
Line Regulation	±1% typ.
Load Regulation	5% typ.
Ripple & Noise	1% typ. pk-pk @ 20MHz
Overload Protection	>115-125% of rated load
OverVoltage Protection	Latch
Adjustment	Fixed
Transient Response	voltage returns < 0.1ms following a 25% load change

General

Efficiency	86 - 90% Typ.
Switching Frequency	66KHz
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/cUL60601-1 EN60601-1 CE Mark (LVD)

Model Number	Voltage	Current
APS75ES-120550	12.0V	5.80A
APS75EM-150470	15.0V	4.70A
APS75EM-180400	18.0V	4.00A
APS75EM-240300	24.0V	3.00A
APS75EM-300240	30.0V	2.40A
APS75EM-480150	48.0V	1.50A

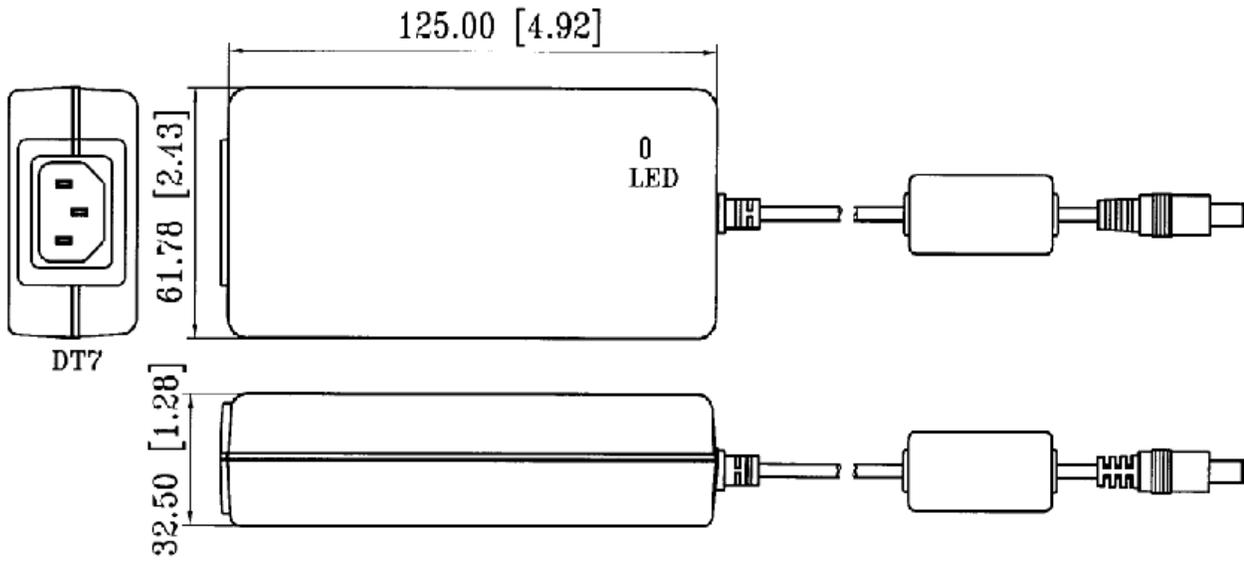


Suffix required to designate output connector. See DC Connector Options on our website.



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: 373g (13.20 Oz.)

Standard Output Cable Length is 6 feet

See Output Connector Chart for standard output connector options