

UNIVERSAL INPUT AC TO DC EXTERNAL DESKTOP ADAPTOR SINGLE OUTPUT SWITCHING POWER SUPPLIES 45-51 WATTS MAXIMUM 60 WATTS APS51ES SERIES



FEATURES:

- ACCOMMODATES UNIVERSAL AC SOURCES IN THE WORLD
- LOW PROFILE & HIGH POWER DENSITY
- DESKTOP ADAPTOR WITH IEC320 2P-AC RECEPTACLE
- DESIGNED TO MEET UNIVERSAL SAFETY STANDARDS
- EMI/RFI MEET CISPR PUB. 22 CLASS B
- CE MARKING COMPLIANCE

SPECIFICATIONS

INPUT SPECIFICATIONS:

Input Voltage: Typ. 90-265VAC
Input Connector: IEC320 2P-AC receptacle
Input Frequency: 47-63Hz
(Consult factory for 440Hz operation)
Inrush Current: 30A @ 240VAC
Input Current: 1.0A @ 115VAC & 0.5A @ 230VAC
Dielectric Withstand: Meets IEC950
EMI/RFI: Meets CISPR PUB. 22 classB.& FCC classB
Hold-up Time: 8mS typ. @ 115VAC
50mS typ. @ 230VAC

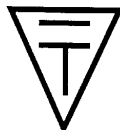
OUTPUTS SPECIFICATIONS:

Output Voltage: See RATINGS CHARTS
Output Currents: See RATINGS CHARTS
Output Wattage: Typ. 45-51W, Peak 55W
Output Connector & Cord: Optional
Line Regulation: $\pm 0.1\%$ typical
Load Regulation: $\pm 3-5\%$ upon cord format
Noise & Ripple: Typ. 1% peak to peak
OVP: Zener Diode OVP Built-in
Adjustability: Factory set

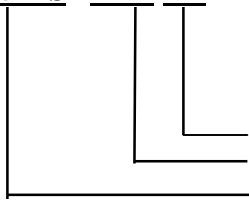
GENERAL SPECIFICATIONS:

Efficiency: Typ. 85%
Switching Frequency: Approximate 90KHz
Circuit Topology: Fixed-frequency flyback circuit
Transient Response: Output voltage returns in less than 3ms following a 50% load change
Safety Standard: UL1950/EN60950

Operating Temperature: 0 to 40%
Storage Temperature: -20 to +85%
Temperature Coefficient: 0.04% per °C
Cooling: Free air convection
Construction: Impact resistant thermo-plastic Enclosure, Desktop format



MODEL NO. DESCRIPTION: APS51ES - XXX YY



Remark: Please specify the V/A ratings and consult factory for model

OUTPUT CURRENT
OUTPUT VOLTAGE
SERIES NAME

VOLTAGE/CURRENT RATINGS CHART

SINGLE OUTPUT:

MODEL NO.	OUTPUT VOLTAGE	OUTPUT AMP
APS51ES-09050	9.0 Vdc	0 ~ 5.0A
APS51ES-12038	12.0 Vdc	0 ~ 4.0A
APS51ES-15034	15.0 Vdc	0 ~ 3.4A
APS51ES-16031	16.0 Vdc	0 ~ 3.1A
APS51ES-18028	18.0 Vdc	0 ~ 2.8A
APS51ES-19630	19.6 Vdc	0 ~ 3.0A
APS51ES-24021	24.0 Vdc	0 ~ 2.1A
APS51ES-30017	30.0 Vdc	0 ~ 1.7A

MECHANICAL DIMENSIONS: MM (INCHES)

WEIGHT: 185 g (6.53 Oz.)

POWER DENSITY: 4.67W/Cubic Inch

