

**UNIVERSAL INPUT AC TO DC EXTERNAL DESKTOP ADAPTOR
SINGLE OUTPUT 25-36 WATTS SWITCHING POWER SUPPLIES APS34ES SERIES**



FEATURES

- UNIVERSAL AC INPUT
- DESKTOP IEC320 AC RECEPTACLE
- MEET UNIVERSAL SAFETY STANDARDS
- EMI MEETS EN 55022 / FCC CLASS B
- CE MARKING COMPLIANCE

SPECIFICATION

INPUT SPECIFICATION

Input Voltage: 90-264Vac typical
Input Connector: IEC320-3P DT7 type AC inlet receptacle
Input Frequency: 47-63Hz
Inrush Current: 35A max. @ 264Vac or less than 30A @ 230Vac by adding thermister
Input Current: 0.65A @ 115Vac typical
 0.3A @ 230Vac typical
Dielectric Withstand: Meets IEC950
EMI: Meets EN 55022 / FCC Class B
Hold-up Time: 17mS typ. @ 115Vac
 68mS typ. @ 230Vac

OUTPUT SPECIFICATION

Output Voltage: See Ratings Chart
Output Current: See Ratings Chart
Output Wattage: 25 to 36Watts typical
Output Connector & Cord: Optional
Line Regulation: 0.1% typical
Load Regulation: ±1.5 to 3.0% typical
Noise & Ripple: Typ. 1.0% peak to peak
OVP: Built-in, by Zener diode clamping
Adjustability: Factory set
Overload Protection: Typ. 125~150% of max. power
 Over-range or short circuit, power foldback & self-recovering

GENERAL SPECIFICATION

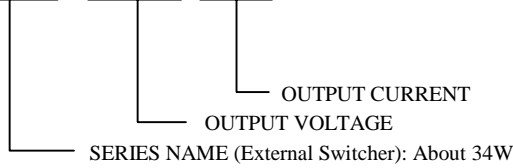
Efficiency: 80% to 85% typical
Switching Frequency: Approximately 73KHz
Circuit Topology: Fixed Frequency Flyback circuit
Transient Response: Output voltage returns in less than 3mS following a 25% load change
Safety Standard: UL1950 / EN60950, Class I
Power Density: 2.70 W. per Inch³
Operating Temperature: 0 to +40°C
Storage Temperature: -20°C to +85°C
Temperature coefficient: 0.04% per °C
Cooling: Free air convection
Construction: Impact resistant thermo-plastic enclosure case
Desktop Format

Notes: (1) All measurements are at nominal input, full load, and +25°C unless otherwise specified.
 (2) Load regulation is measured at 115Vac or 230Vac in percentage indicate the change in output voltage as the load varied from half load to full load(±%)
 (3) The exact obtainable load regulation depends upon the output cord selected and load current. Upper data are for 6 ft. (2 m) cord AWG#18 wires.



For the details of safety approval, please consult the factory.

MODEL NO. DESCRIPTION: APS34ES - X X X Y Y Y



OUTPUT VOLTAGE/CURRENT RATINGS CHART

DEFINED OUTPUT VOLTAGE (Vdc)	OUTPUT VOLTAGE(Vdc) / CURRENT (A)
3.3 Vdc < Any Voltage > 12.0 Vdc	3.3-4.0V/4.0A, 5.0-5.9V/5.0-4.77A, 6.0-6.9V/4.75-4.52A, 7.0-7.9V/4.5-4.27A, 8.0-8.9V/4.25-4.02A, 9.0-9.9V/4.0-3.63A. 10.0-10.9V/3.6-3.3A, 11.0-11.9V/3.27-3.02A
12.0Vdc < Any Voltage > 24.0 Vdc	12.0-12.9V/3.0-2.79A, 13.0-13.9V/2.76-2.58A, 14.0-14.9V/2.57-2.41A, 15.0-15.9V/2.4-2.26A, 16.0-18.0V/2.25-2.0A, 18.1-20.0V/1.98-1.8A, 20.1-22.5V/1.79-1.60A, 22.6-24.0V/1.59-1.5A

Note: Refer to the upper Chart or specify the V/A ratings and consult factory for the exact Model No.

SINGLE OUTPUT (Model No for example)

MODEL NO.	OUTPUT VOLTAGE (Vdc)	OUTPUT CURRENT (A)
APS34ES-033400	3.3Vdc	4.0A
APS34ES-050500	5.0Vdc	5.0A
APS34ES-090400	9.0Vdc	4.0A
APS34ES-120300	12.0Vdc	3.0A
APS34ES-150240	15.0Vdc	2.4A
APS34ES-180200	18.0Vdc	2.0A
APS34ES-240150	24.0Vdc	1.5A

MECHANICAL DIMENSIONS: MM [INCHES]

WEIGHT : 330.0g (11.6 Oz)

