

AC TO DC EXTERNAL WALL-PLUGGABLE ADAPTOR WITH EUROPEAN & AUSTRALIA AC PLUG SWITCHING POWER SUPPLIES 10-12W APS10AES SERIES



FEATURES:

- SMALL & COMPACT IN SIZE
- EUROPEAN & AUSTRALIA AC PLUG
- EMI/RFI MEET CISPR PUB. 22 CLASS B
- DESIGNED TO MEET EUROPEAN SAFETY STANDARDS

SPECIFICATIONS

INPUT SPECIFICATIONS:

Input Voltage: Typ. 180-264VAC(230VAC nominal)

Input Connector:

Fixed European & Australia AC plug

Input Frequency: 47-63Hz

(Consult factory for 440Hz operation)

Inrush Current: 80 A max. @ 230VAC

Input Current: 0.10A @ 230VAC

Dielectric Withstand: Meets UL1950/CSA950

EMI/RFI: Meets CISPR EN55022 B

Hold-up Time: 15ms typical

OUTPUTS SPECIFICATIONS:

Output Voltage: See RATINGS CHARTS

Output Currents: See RATINGS CHARTS

Output Wattage: Typ. 10-12 Watts

Output Connector: Optional

Line Regulation: $\pm 0.1\%$ typ.

Load Regulation: Main O/P VO1 $\pm 3\%$

Noise & Ripple: Typ. 1% peak to peak

OVP: Built-in in main output

Adjustability: Factory set

Overload Protection: 125-150% max. power

GENERAL SPECIFICATIONS:

Efficiency: Typ. 75%

Switching Frequency: 50-200KHz

Circuit Topology: Free running fly back circuit

Transient Response: Output voltage returns in less than 3ms following a 50% load change

Safety Standard: UL1950/CSA950

Operating Temperature: 0-40°C

Storage Temperature: -20 to +85°C

Temperature Coefficient: 0.04% per °C

Cooling: Free air convection

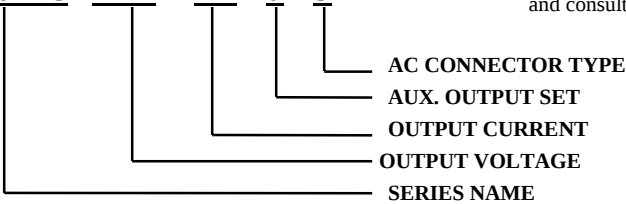
Construction: Impact resistant thermo-plastic enclosure, in wall-mount format



IN APPLICATION

MODEL NO. DESCRIPTION: APS10AES - XXX YY - 0 - S

Remark: Please specify the V/A ratings and consult factory for model no



VOLTAGE/CURRENT RATINGS CHART

SINGLE OUTPUT:

MODEL NO.	OUTPUT VOLTAGE			OUTPUT AMP
APS10AES-03325-0-S	3.3	Vdc	0.1A	2.5 A
APS10AES-03524	3.5	Vdc	0.1A	2.4 A
APS10AES-05020	5.0	Vdc	0.1A	2.0 A
APS10AES-05316	5.3	Vdc	0.1A	1.6 A
APS10AES-06313	6.3	Vdc	0.1A	1.3 A
APS10AES-09512	9.5	Vdc	0.1A	1.2 A
APS10AES-12010	12.0	Vdc	0.1A	1.0 A
APS10AES-15008	15.0	Vdc	0.1A	0.8 A
APS10AES-18007	18.0	Vdc	0.1A	0.67A
APS10AES-24005	24.0	Vdc	0.1A	0.5 A
APS10AES-30005	30.0	Vdc	0.1A	0.5 A
APS10AES-48003	48.0	Vdc	0.1A	0.32A

MECHANICAL DIMENSIONS: MM (INCHES)

WEIGHT: APS10AES-WM 168g (5.93 Oz.)

POWER DENSITY: 1.30 to 1.56 W/Cubic Inch

