

### 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

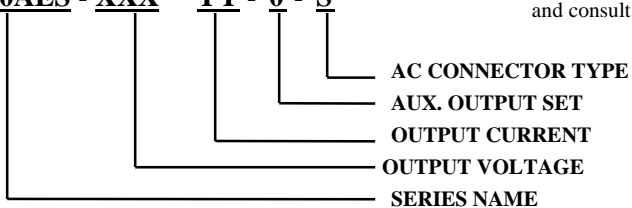
**Construction:** Impact resistant thermo-plastic enclosure, in wall-mount format



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

