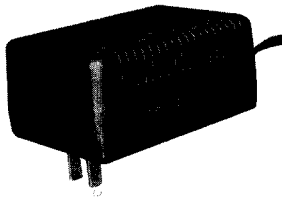




AC TO DC EXTERNAL REGULATED WALL-PLUGGABLE ADAPTORS
2-BLADE AC PLUG SWITCHING POWER SUPPLIES TO 40 WATTS AD-740 SERIES

FEATURES:



- NORTH AMERICAN WALL MOUNT WITH NEMA 1-15P
- COMPACT SIZE
- LOW COST AND LIGHTWEIGHT
- APPROVED TO UL/CUL STANDARDS
- EMI/RFI PER CISPR PUB. 22 CLASS B

INPUT and OUTPUT SPECIFICATIONS

Input Voltage:	90-132 VAC	Output Voltage:	See Ratings Chart
Input Connector:	NEMA 1-15	Output Current:	See Ratings Chart
Input Frequency:	57-63 Hz (Consult factory for 440 Hz)	Output Wattage:	20 to 40 Watt
Inrush Current:	25 A Max. AT 132Vac / cold start	Line Regulation:	0.2% max.
Dielectric Withstand:	Meets UL1950	Load Regulation:	Main Output $\pm 3\%$ max. Aux. Outputs $\pm 5\%$
EMI/RFI:	Complies with FCC part 15 Class B CISPR PUB. 22 Class B	Noise & Ripple:	Typ. 1% peak to peak, Max. 2%
Hold-up time:	16ms minimum	Over Voltage Protection:	115 -140%, auto recovery
Efficiency:	Typical 75% - 85% typical, depending on output voltage	Adjustability:	Factory set
		Overload Protection:	115-130%, automatic recovery
		Short Circuit Protection:	Automatic recovery
		Output Connector & Cord:	Optional

GENERAL SPECIFICATIONS

Topology:	Self oscillating flyback	Operating Temperature:	0 to 40°C
Switching Frequency:	60 KHz nominal at full load	Storage Temperature:	-20 to +85°C
Transient Response:	1ms typical for return within 1% for 50% load step change at A/microsec. 5% deviation	Temperature Coefficient:	0.04% per °C
Safety Standards:	UL1950; CSA950	Cooling:	Free air convection
		Construction:	Impact resistant thermo- plastic enclosure

Remark: Load Regulation: The exact voltage obtainable depends upon the output cord and load current. Data listed above are for 6ft. (2 meter) cords # AWG 18/20 wires with PF or PD connectors.



VOLTAGE/ CURRENT RATINGS CHART

SINGLE OUTPUT:

MODEL	VOLT ◆	AMP	MODEL	VOLT ◆	AMP
AD-740-1050	5.0 V	4.0 A	AD-740-1160	16.0 V	2.5 A
AD-740-1060	6.0 V	4.0 A	AD-740-1180	18.0 V	2.2 A
AD-740-1075	7.5 V	4.0 A	AD-740-1200	20.0 V	2.0 A
AD-740-1090	9.0 V	3.5 A	AD-740-1225	22.5 V	1.8 A
AD-740-1120	12.0 V	3.0 A	AD-740-1240	24.0 V	1.7 A
AD-740-1138	13.8 V	2.8 A	AD-740-1252	25.2 V	1.6 A
AD-740-1150	15.0 V	2.7 A	AD-740-1280	28.0 V	1.4 A

DUAL OUTPUT:

MODEL	MAIN VOLT ◆	AMP	AUX. VOLT ■	AMP
AD-740-2250	5.0 V	3.0 A	12.0 V	1.5 A
AD-740-2120	12.0 V	1.5 A	-12.0 V	1.5 A

TRIPLE OUTPUT:

MODEL	MAIN VOLT ◆	AMP	AUX. VOLT ■	AMP	AUX. VOLT ●	AMP
AD-740-3125	5.0 V	2.5 A	+12.0 V	1.0 A	-12.0 V	0.3 A
AD-740-3155	5.0 V	2.5 A	+15.0 V	1.0 A	-15.0 V	0.3 A

Symbol: “◆” OVP Built in; “■” Stacked on main output; “●” installed with post regulator

Remark: At least 20% of typical main output current is required to maintain stated regulation for the multiple output units.

Other models are available. Please contact APS for more options

AD-740 SERIES

