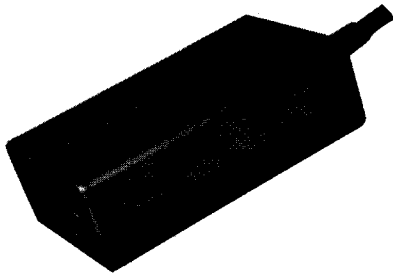




AC TO DC EXTERNAL DESKTOP, CLASS 2 ADAPTOR  
SWITCHING POWER SUPPLIES TO 25 WATTS AD-715U SERIES

FEATURES:



- UNIVERSAL INPUT
- COMPACT SIZE
- LOW COST AND LIGHTWEIGHT
- IEC320 2P-AC RECEPTACLE
- APPROVED TO WORLDWIDE STANDARDS
- EMI/RFI PER CISPR PUB. 22 CLASS B
- CE MARKING COMPLIANCE

INPUT and OUTPUT SPECIFICATIONS

Input Voltage:	90-264 VAC	Output Voltage:	See Ratings Chart
Input Connector:	IEC320 2P-AC Receptacle	Output Current:	See Ratings Chart
Input Frequency:	47-63 Hz	Output Wattage:	25 Watts
	(Consult factory for 440 Hz)	Line Regulation:	±0.2% max, full range
Inrush Current:	35 A Max.	Load Regulation:	±3% max.
Input Current:	0.30 A Max.	Noise & Ripple:	Typ. 1% peak to peak
Dielectric Withstand:	Meets UL1950	Over Voltage Protection:	Automatic recovery
EMI/RFI:	FCC Part 15, Class B	Adjustability:	Factory set
Hold-up time:	16ms minimum @ 115 VAC	Overload Protection:	Automatic recovery
Line Surge:	IEC801-5 Level 4	Short Circuit Protection:	Automatic recovery
		Output Connector: Center (+)	Optional

GENERAL SPECIFICATIONS

Efficiency:	Typical 75%	Operating Temperature:	0 to 50°C
Switching Frequency:	100 KHz nominal at full load	Storage Temperature:	-20 to 85°C
Circuit Topology:	Self oscillating flyback circuit	Temperature Coefficient:	0.04% per °C
Transient Response:	O/P voltage returns in < 3 ms Following a 50% load change	Construction:	Splash proof, UL94 V-O Impact resistant thermo- plastic enclosure
Safety Standards:	UL1950; CSA950, IEC950		



## VOLTAGE/ CURRENT RATINGS CHART

### SINGLE OUTPUT:

MODEL	OUTPUT VOLTAGE ★	MAX. CURRENT	MAX. OUTPUT POWER
AD-715U-1033	3.3V	4.5A	15W
AD-715U-1050	5V	4A	20W
AD-715U-1060	6V	3.5A	21W
AD-715U-1075	7.5V	3A	22.5A
AD-715U-1090	9V	2.6A	23.4W
AD-715U-1120A	12V	2.1A	25.2W
AD-715U-1150	15V	1.66A	24.9W
AD-715U-1160	16V	1.56A	25W
AD-715U-1180	18V	1.4A	25.2W
AD-715U-1200	20V	1.25A	25W
AD-715U-1225	22.5V	1.1A	24.8W
AD-715U-1240	24V	1.05A	25.2W

### DUAL OUTPUT:

MODEL	MAIN O/P ★	AUX. O/P †
AD-715U-2205	+5V 1.5A	+12V 0.75A

Symbol: "★" OVP Built in. "†" Stacked on main output.

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

