

## ADAPTER : AS750-AS900 SERIES

Input Voltage: 90 – 264 VAC  
Output Power: 75 – 90 Watt  
Dimension: 133x58x31.5mm

### Features:

- ▶ AC Socket IEC60320 C8 (Small 2 pins)
- ▶ Safety standard: EN60065, EN60950
- ▶ Safety Certified by UL, CSA, NEMKO, TUV, CE, CB, BSMI, DFT, C-TICK, KETI
- ▶ High Efficiency
- ▶ Low Ripple & Noise
- ▶ Output over voltage protection
- ▶ Short circuit protection on all outputs
- ▶ Over power protection
- ▶ 100% Burn-In at full rated load
- ▶ Vacuum-Impregnated transformer
- ▶ MTBF: 100,000 hours
- ▶ 100% Hi-Pot tested
- ▶ Internal PFC circuit
- ▶ Standby consumption less than 0.75W

### Specifications:

- ▶ Temperature range:  
Operating: 0 ~ 40 Deg.C  
Storage: -20 ~ +65 Deg.C
- ▶ Humidity:  
Operating: 20 ~ 80% RH  
Storage: 10 ~90% RH
- ▶ Turn-On Delay Time  $\leq$  2 S
- ▶ Hold-up Time  $\geq$  6 mS
- ▶ Dielectric withstand: input/ output 3000Vac for 1 second
- ▶ Complies with FCC part 15 subpart J Class B at 120VAC operation
- ▶ ESD protection: EN 61000-4-2 Air 15KV, Contact 8KV.

### Input Characteristics:

- ▶ Voltage range: 90 - 264 VAC
- ▶ Frequency: 47 - 63 Hz
- ▶ Efficiency  $\geq$  84%

### Output Characteristics:

Detailed specifications and drawings provided upon request

Output	Nominal	Regulation	Ripple & Noise	Min Load (A)	Max Load (A)
1	12VDC (NOTE)	+/-5%	1%	0	3

NOTE: More output voltage models, please see Model No. List.

- ▶ Output short protection
- ▶ Over-current protection
- ▶ Over-voltage protection
- ▶ Over-temperature protection



MODEL NO.	Output Voltage (VDC)	Current (A)	Regulation (VDC)	Ripple & Noise (mV)
AS750-120-A0	12.0	0 - 6.3	11.40 - 12.60	120
AS750-125-A0	12.5	0 - 6	11.88 - 13.13	130
AS750-130-A0	13.0	0 - 5.8	12.35 - 13.65	130
AS750-135-A0	13.5	0 - 5.6	12.83 - 14.18	140
AS750-140-A0	14.0	0 - 5.4	13.30 - 14.70	140
AS750-145-A0	14.5	0 - 5.2	13.78 - 15.23	150
AS800-150-A0	15.0	0 - 5.4	14.25 - 15.75	150
AS800-155-A0	15.5	0 - 5.2	14.73 - 16.28	160
AS800-160-A0	16.0	0 - 5	15.20 - 16.80	160
AS800-165-A0	16.5	0 - 4.9	15.68 - 17.33	170
AS800-170-A0	17.0	0 - 4.7	16.15 - 17.85	170
AS800-175-A0	17.5	0 - 4.6	16.63 - 18.38	180
AS900-180-A0	18.0	0 - 5	17.10 - 18.90	180
AS900-185-A0	18.5	0 - 4.8	17.58 - 19.43	190
AS900-190-A0	19.0	0 - 4.7	18.05 - 19.95	190
AS900-195-A0	19.5	0 - 4.6	18.53 - 20.48	200
AS900-200-A0	20.0	0 - 4.5	19.00 - 21.00	200
AS900-205-A0	20.5	0 - 4.3	19.48 - 21.53	210
AS900-210-A0	21.0	0 - 4.2	19.95 - 22.05	210
AS900-215-A0	21.5	0 - 4.1	20.43 - 22.58	220
AS900-220-A0	22.0	0 - 4	20.90 - 23.10	220
AS900-225-A0	22.5	0 - 4	21.38 - 23.63	230
AS900-230-A0	23.0	0 - 3.9	21.85 - 24.15	230
AS900-235-A0	23.5	0 - 3.8	22.33 - 24.68	240
AS900-240-A0	24.0	0 - 3.7	22.80 - 25.20	240