

## ADAPTER : AS500 SERIES

Input Voltage: 90 – 264 VAC  
Output Power: 50 Watt  
Dimension: 116.5X51X31mm

### Features:

- ▶ AC Socket IEC60320 C14 (Big 3 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
- ▶ Standby consumption less than 0.5W

### 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 115VAC operation & CISPR 22 Class B at 230VAC operation
- ▶ ESD protection: EN 61000-4-2 Air 15KV, Contact 8KV.

### Input Characteristics:

- ▶ Voltage wide range: 90 - 264 VAC
- ▶ Frequency: 47 - 63 Hz
- ▶ Efficiency  $\geq 83\%$

### Output Characteristics:

Detailed specifications and drawings provided upon request

Output	Nominal (V)	Regulation	Ripple & Noise	Min Load (A)	Max Load (A)
1	12 (NOTE)	+/-5%	1%	0	4.2 (NOTE)

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)
AS500-120-A0	12	0 - 4.2	11.4 - 12.6	160
AS500-125-A0	12.5	0 - 4.0	11.9 - 13.1	160
AS500-130-A0	13	0 - 3.8	12.4 - 13.7	160
AS500-135-A0	13.5	0 - 3.7	12.8 - 14.2	160
AS500-140-A0	14	0 - 3.6	13.3 - 14.7	200
AS500-145-A0	14.5	0 - 3.4	13.8 - 15.2	200
AS500-150-A0	15	0 - 3.3	14.3 - 15.8	200
AS500-155-A0	15.5	0 - 3.2	14.7 - 16.3	200
AS500-160-A0	16	0 - 3.1	15.2 - 16.8	200
AS500-165-A0	16.5	0 - 3.0	15.7 - 17.3	200
AS500-170-A0	17	0 - 2.9	16.2 - 17.9	200
AS500-175-A0	17.5	0 - 2.8	16.6 - 18.4	220
AS500-180-A0	18	0 - 2.7	17.1 - 18.9	220
AS500-185-A0	18.5	0 - 2.7	17.6 - 19.4	250
AS500-190-A0	19	0 - 2.6	18.1 - 20.0	250
AS500-195-A0	19.5	0 - 2.5	18.5 - 20.5	250
AS500-200-A0	20	0 - 2.5	19.0 - 21.0	250
AS500-205-A0	20.5	0 - 2.4	19.5 - 21.5	280
AS500-210-A0	21	0 - 2.3	20.0 - 22.1	280
AS500-215-A0	21.5	0 - 2.3	20.4 - 22.6	300
AS500-220-A0	22	0 - 2.2	20.9 - 23.1	300
AS500-225-A0	22.5	0 - 2.4	19.5 - 21.5	300
AS500-230-A0	23	0 - 2.3	20.0 - 22.1	300
AS500-235-A0	23.5	0 - 2.3	20.4 - 22.6	300
AS500-240-A0	24	0 - 2.2	20.9 - 23.1	300