

## ADAPTER : AS060~AS150 SERIES

Input Voltage: 90-264 VAC  
Output Power: 6-15 Watt  
Dimension: 70x47x29.5mm

### Features:

- ▶ UL, VDE, SAA, BS AC plug
- ▶ General output plug
- ▶ 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 0.3W

### 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  $\geq 78\%$

### 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	1.5 (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)
AS060-030-DE	3.0	2.00	2.85 - 3.15	30
AS100-035-DE	3.5	2.86	3.33 - 3.68	40
AS100-040-DE	4.0	2.50	3.80 - 4.20	40
AS110-045-DE	4.5	2.44	4.28 - 4.73	50
AS120-050-DE	5.0	2.40	4.75 - 5.25	50
AS120-055-DE	5.5	2.18	5.23 - 5.78	60
AS120-060-DE	6.0	2.00	5.70 - 6.30	60
AS120-065-DE	6.5	1.85	6.18 - 6.83	70
AS130-070-DE	7.0	1.86	6.65 - 7.35	70
AS130-075-DE	7.5	1.73	7.13 - 7.88	80
AS130-080-DE	8.0	1.63	7.60 - 8.40	80
AS130-085-DE	8.5	1.53	8.08 - 8.93	90
AS140-090-DE	9.0	1.56	8.55 - 9.45	90
AS140-095-DE	9.5	1.47	9.03 - 9.98	100
AS140-100-DE	10.0	1.40	9.50 - 10.50	100
AS140-105-DE	10.5	1.33	9.98 - 11.03	110
AS140-110-DE	11.0	1.27	10.45 - 11.55	110
AS150-115-DE	11.5	1.30	10.93 - 12.08	120
AS150-120-DE	12.0	1.25	11.40 - 12.60	120
AS150-125-DE	12.5	1.20	11.88 - 13.13	130
AS150-130-DE	13.0	1.15	12.35 - 13.65	130
AS150-135-DE	13.5	1.11	12.83 - 14.18	140
AS150-140-DE	14.0	1.07	13.30 - 14.70	140
AS150-145-DE	14.5	1.03	13.78 - 15.23	150
AS150-150-DE	15.0	1.00	14.25 - 15.75	150
AS150-155-DE	15.5	0.97	14.73 - 16.28	160
AS150-160-DE	16.0	0.94	15.20 - 16.80	160
AS150-165-DE	16.5	0.91	15.68 - 17.33	170
AS150-170-DE	17.0	0.88	16.15 - 17.85	170
AS150-175-DE	17.5	0.86	16.63 - 18.38	180
AS150-180-DE	18.0	0.83	17.10 - 18.90	180
AS150-185-DE	18.5	0.81	17.58 - 19.43	190
AS150-190-DE	19.0	0.79	18.05 - 19.95	190
AS150-195-DE	19.5	0.77	18.53 - 20.48	200
AS150-200-DE	20.0	0.75	19.00 - 21.00	200
AS150-205-DE	20.5	0.73	19.48 - 21.53	210
AS150-210-DE	21.0	0.71	19.95 - 22.05	210
AS150-215-DE	21.5	0.70	20.43 - 22.58	220
AS150-220-DE	22.0	0.68	20.90 - 23.10	220
AS150-225-DE	22.5	0.67	21.38 - 23.63	230
AS150-230-DE	23.0	0.65	21.85 - 24.15	230
AS150-235-DE	23.5	0.64	22.33 - 24.68	240
AS150-240-DE	24.0	0.63	22.80 - 25.20	240