

ADAPTER : AS030-AS050 SERIES

Input Voltage: 90 – 264 VAC

Output Power: 3 – 5 Watt

Dimension: 60x42x25mm

Features:

- ▶ UL, VDE, SAA, BS AC plug
- ▶ Safety standard: 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 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 75%

Output Characteristics:

Detailed specifications and drawings provided upon request

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

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

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

MODEL NO.	Output Voltage (VDC)	Current (A)	Regulation (VDC)	Ripple & Noise (mV)
AS030-030-A0	3.0	0 - 1.00	2.85 -3.15	30
AS040-035-A0	3.5	0 - 1.00	3.33 -3.68	40
AS040-040-A0	4.0	0 - 1.00	3.80 -4.20	40
AS050-045-A0	4.5	0 - 1.00	4.28 -4.73	50
AS050-050-A0	5.0	0 - 1.00	4.75 -5.25	50
AS050-055-A0	5.5	0 - 0.91	5.23 -5.78	60
AS050-060-A0	6.0	0 - 0.83	5.70 -6.30	60
AS050-065-A0	6.5	0 - 0.77	6.18 -6.83	70
AS050-070-A0	7.0	0 - 0.71	6.65 -7.35	70
AS050-075-A0	7.5	0 - 0.67	7.13 -7.88	80
AS050-080-A0	8.0	0 - 0.63	7.60 -8.40	80
AS050-085-A1	8.5	0 - 0.59	8.08 -8.93	90
AS050-090-A0	9.0	0 - 0.56	8.55 -9.45	90
AS050-095-A0	9.5	0 - 0.53	9.03 -9.98	100
AS050-100-A0	10.0	0 - 0.50	9.50 -10.50	100
AS050-105-A0	10.5	0 - 0.48	9.98 -11.03	110
AS050-110-A0	11.0	0 - 0.45	10.45 -11.55	110
AS050-115-A0	11.5	0 - 0.43	10.93 -12.08	120
AS050-120-A0	12.0	0 - 0.42	11.40 -12.60	120
AS050-125-A0	12.5	0 - 0.40	11.88 -13.13	130
AS050-130-A0	13.0	0 - 0.38	12.35 -13.65	130
AS050-135-A0	13.5	0 - 0.37	12.83 -14.18	140
AS050-140-A0	14.0	0 - 0.36	13.30 -14.70	140
AS050-145-A0	14.5	0 - 0.34	13.78 -15.23	150
AS050-150-A0	15.0	0 - 0.33	14.25 -15.75	150
AS050-155-A0	15.5	0 - 0.32	14.73 -16.28	160
AS050-160-A0	16.0	0 - 0.31	15.20 -16.80	160
AS050-165-A0	16.5	0 - 0.30	15.68 -17.33	170
AS050-170-A0	17.0	0 - 0.29	16.15 -17.85	170
AS050-175-A0	17.5	0 - 0.29	16.63 -18.38	180
AS050-180-A0	18.0	0 - 0.28	17.10 -18.90	180
AS050-185-A0	18.5	0 - 0.27	17.58 -19.43	190
AS050-190-A0	19.0	0 - 0.26	18.05 -19.95	190
AS050-195-A0	19.5	0 - 0.26	18.53 -20.48	200
AS050-200-A0	20.0	0 - 0.25	19.00 -21.00	200
AS050-205-A0	20.5	0 - 0.24	19.48 -21.53	210
AS050-210-A0	21.0	0 - 0.24	19.95 -22.05	210
AS050-215-A0	21.5	0 - 0.23	20.43 -22.58	220
AS050-220-A0	22.0	0 - 0.23	20.90 -23.10	220
AS050-225-A0	22.5	0 - 0.22	21.38 -23.63	230
AS050-230-A0	23.0	0 - 0.22	21.85 -24.15	230
AS050-235-A0	23.5	0 - 0.21	22.33 -24.68	240
AS050-240-A0	24.0	0 - 0.21	22.80 -25.20	240