

ADAPTER : AS020~AS100 SERIES

Input Voltage: 90-264 VAC
Output Power: 2-10 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 ≤ 2 S
- ▶ Hold-up Time ≥ 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)
AS020-030-DE	3.0	0.67	2.85 - 3.15	30
AS040-035-DE	3.5	1.14	3.33 - 3.68	40
AS040-040-DE	4.0	1.00	3.80 - 4.20	40
AS070-045-DE	4.5	1.56	4.28 - 4.73	50
AS070-050-DE	5.0	1.40	4.75 - 5.25	50
AS070-055-DE	5.5	1.27	5.23 - 5.78	60
AS070-060-DE	6.0	1.17	5.70 - 6.30	60
AS070-065-DE	6.5	1.08	6.18 - 6.83	70
AS070-070-DE	7.0	1.00	6.65 - 7.35	70
AS070-075-DE	7.5	0.93	7.13 - 7.88	80
AS070-080-DE	8.0	0.88	7.60 - 8.40	80
AS070-085-DE	8.5	0.82	8.08 - 8.93	90
AS100-090-DE	9.0	1.11	8.55 - 9.45	90
AS100-095-DE	9.5	1.05	9.03 - 9.98	100
AS100-100-DE	10.0	1.00	9.50 - 10.50	100
AS100-105-DE	10.5	0.95	9.98 - 11.03	110
AS100-110-DE	11.0	0.91	10.45 - 11.55	110
AS100-115-DE	11.5	0.87	10.93 - 12.08	120
AS100-120-DE	12.0	0.83	11.40 - 12.60	120
AS100-125-DE	12.5	0.80	11.88 - 13.13	130
AS100-130-DE	13.0	0.77	12.35 - 13.65	130
AS100-135-DW	13.5	0.74	12.83 - 14.18	140
AS100-140-DW	14.0	0.71	13.30 - 14.70	140
AS100-145-DE	14.5	0.69	13.78 - 15.23	150
AS100-150-DE	15.0	0.67	14.25 - 15.75	150
AS100-155-DE	15.5	0.65	14.73 - 16.28	160
AS100-160-DE	16.0	0.63	15.20 - 16.80	160
AS100-165-DE	16.5	0.61	15.68 - 17.33	170
AS100-170-DE	17.0	0.59	16.15 - 17.85	170
AS100-175-DE	17.5	0.57	16.63 - 18.38	180
AS100-180-DE	18.0	0.56	17.10 - 18.90	180
AS100-185-DE	18.5	0.54	17.58 - 19.43	190
AS100-190-DE	19.0	0.53	18.05 - 19.95	190
AS100-195-DE	19.5	0.51	18.53 - 20.48	200
AS100-200-DE	20.0	0.50	19.00 - 21.00	200
AS100-205-DE	20.5	0.49	19.48 - 21.53	210
AS100-210-DE	21.0	0.48	19.95 - 22.05	210
AS100-215-DE	21.5	0.47	20.43 - 22.58	220
AS100-220-DE	22.0	0.45	20.90 - 23.10	220
AS100-225-DE	22.5	0.44	21.38 - 23.63	230
AS100-230-DE	23.0	0.43	21.85 - 24.15	230
AS100-235-DE	23.5	0.43	22.33 - 24.68	240
AS100-240-DE	24.0	0.42	22.80 - 25.20	240