

ADAPTER : AS450 SERIES

Input Voltage: 90-264 VAC
Output Power: 45 Watt
Dimension: 112.5x53.5x31mm

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
- ▶ 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 ≤ 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 $\geq 83\%$

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	3.7 (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)
AS450-120-B0	12	3.7	11.4 - 12.6	160
AS450-125-B0	12.5	3.6	11.9 - 13.1	160
AS450-130-B0	13	3.4	12.4 - 13.7	160
AS450-135-B0	13.5	3.3	12.8 - 14.2	160
AS450-140-B0	14	3.2	13.3 - 14.7	200
AS450-145-B0	14.5	3.1	13.8 - 15.2	200
AS450-150-B0	15	3.0	14.3 - 15.8	200
AS450-155-B0	15.5	2.9	14.7 - 16.3	200
AS450-160-B0	16	2.8	15.2 - 16.8	200
AS450-165-B0	16.5	2.7	15.7 - 17.3	200
AS450-170-B0	17	2.6	16.2 - 17.9	200
AS450-175-B0	17.5	2.5	16.6 - 18.4	220
AS450-180-B0	18	2.5	17.1 - 18.9	220
AS450-185-B0	18.5	2.4	17.6 - 19.4	250
AS450-190-B0	19	2.3	18.1 - 20.0	250
AS450-195-B0	19.5	2.3	18.5 - 20.5	250
AS450-200-B0	20	2.2	19.0 - 21.0	250
AS450-205-B0	20.5	2.2	19.5 - 21.5	280
AS450-210-B0	21	2.1	20.0 - 22.1	280
AS450-215-B0	21.5	2.0	20.4 - 22.6	300
AS450-220-B0	22	2.0	20.9 - 23.1	300