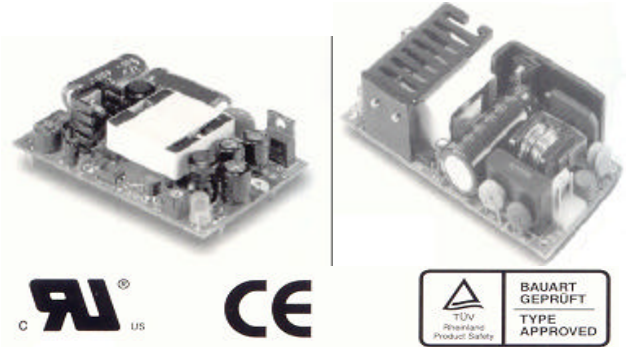


BAO10 ~ 60 Series

10 ~ 60W Open Frame AC-DC Power Modules

- Universal Input 90-264 Vac
- PCB Mountable
- Efficiency to 75%.
- Industry Standard Pin Out
- 100 % full load burn-in test
- ISO-9001 certified manufacturer
- Short circuit / overload / over voltage protection
- Approvals: UL / TUV / CE



Specifications

Input voltage range.....	90-264 Vac
Input frequency.....	47 – 63 Hz
Inrush current.....	Cold start, 25A / 155Vac, 50A / 230Vac max.
Output voltage.....	Refer to below table
Initial Accuracy	±1.0% max.
Temperature Coefficient	±0.05% / °C
Ripple & Noise, 20Mhz BW	50mVp-p, max @ 3.3/5Vo; 1%p-p,max @ others output voltage modules
Hold-up time ¹	8-16ms typ.
Short circuit protection.....	Continuous
Line regulation ²	±0.05% max.
Load regulation ³	±1.0% max.
Efficiency	Refer to below table
Isolation Voltage (Input/Output)	4242 Vac
Operating temp. range	0 °C – 45 °C
Storage temp. range	-40 °C – +100 °C
Cooling.....	Free air convection

Note:

1. Measured at Vin = 115 Vac, Full load
2. Measured from high line to low line
3. Measured from full load to 10% load

Part Number Selection

Part No	Output	Tolerance	Ripple	Efficiency
BAO10-UAC-3.3	3.3V, 2.5A	+/- 1 %	50 mV	65%
BAO10-UAC-5	5V, 2.0A	+/- 1 %	50 mV	70%
BAO10-UAC-9	9V, 1.11A	+/- 1 %	90 mV	72%
BAO10-UAC-12	12V, 0.83A	+/- 1 %	120 mV	75%
BAO10-UAC-15	15V, 0.67A	+/- 1 %	150 mV	75%
BAO10-UAC-24	24V, 0.417A	+/- 1 %	240 mV	78%
BAO15-UAC-3.3	3.3V, 3.0 A	+/- 1 %	50 mV	70%
BAO15-UAC-5	5V, 4.4 A	+/- 1 %	50 mV	70%
BAO15-UAC-9	9V, 2.44A	+/- 1 %	90 mV	77%
BAO15-UAC-12	12V, 1.8 A	+/- 1 %	120 mV	80%
BAO15-UAC-15	15V, 1.4 A	+/- 1 %	150 mV	80%
BAO15-UAC-24	24V, 0.92A	+/- 1 %	240 mV	82%
BAO20-UAC-3.3	3.3V, 4.4A	+/- 1 %	50 mV	70%
BAO20-UAC-5	5V, 4.4A	+/- 1 %	50 mV	73%
BAO20-UAC-9	9V, 2.44A	+/- 1 %	90 mV	77%
BAO20-UAC-12	12V, 1.8A	+/- 1 %	120 mV	80%
BAO20-UAC-15	15V, 1.4A	+/- 1 %	150 mV	80%
BAO20-UAC-24	24V, 0.92A	+/- 1 %	240 mV	82%
BAO40-UAC-3.3	3.3V, 6 A	+/- 1 %	50 mV	74%
BAO40-UAC-5	5V, 6 A	+/- 1 %	50 mV	78%
BAO40-UAC-9	9V, 4.45A	+/- 1 %	90 mV	82%
BAO40-UAC-12	12V, 3.34A	+/- 1 %	120 mV	84%
BAO40-UAC-15	15V, 2.67A	+/- 1 %	150 mV	85%
BAO40-UAC-24	24V, 1.67A	+/- 1 %	240 mV	86%
BAO40-UAC-30	30V, 1.33A	+/- 1 %	300 mV	86%
BAO40-UAC-36	36V, 1.11A	+/- 1 %	360 mV	87%
BAO40-UAC-48	48V, 0.834A	+/- 1 %	480 mV	88%
BAO60-UAC-3.3	3.3V, 8 A	+/- 1 %	50 mV	74%
BAO60-UAC-5	5V, 8 A	+/- 1 %	50 mV	78%
BAO60-UAC-9	9V, 6.67A	+/- 1 %	90 mV	82%
BAO60-UAC-12	12V, 5 A	+/- 1 %	120 mV	84%
BAO60-UAC-15	15V, 4 A	+/- 1 %	150 mV	85%
BAO60-UAC-24	24V, 2.5 A	+/- 1 %	240 mV	86%
BAO60-UAC-30	30V, 2 A	+/- 1 %	300 mV	86%
BAO60-UAC-36	36V, 1.67A	+/- 1 %	360 mV	87%
BAO60-UAC-48	48V, 1.25A	+/- 1 %	480 mV	88%

Note: BAO40 and BAO60 series, the output voltage can be 0.1V interval.