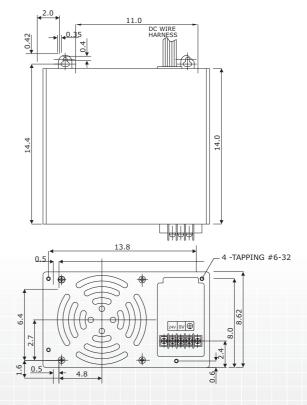
BPW-830C

300W DC-DC ATX power supply Input Range: 19~32VDC





<u>FERTURES</u>

- *Input Voltage: 19~32VDC
- *Input Current: Max. 20A at 24VDC
- *Inrush Current: < 5A at 24VDC input, cold start at 25°C
- *Ripple And Noise: Peak to peak ripple and noise is < 50mV for +5V and +3.3V outputs, < 100 mV for other outputs when output voltage is at rated load
- *Line Regulation: < +/-1% for each output measured at rated load and +19~+32V input voltage variables
- *Load Regulation: Output voltage load regulation is less than the value on the table when each output load changes rated loads from +/-40%~60%, with all other outputs at 60% rated
- *Output Power: Total DC continuous power is within 300W at < 30°C ambient temperature and 24~32V input voltage; max. total combined output power on 3.3V and 5V rails is 150W
- *Efficiency: 65% typical at nominal line and rated load
- *Altitude: 10,000 feet
- *Protection

Input: Protection against wrong polarity when 24VDC input is inversely connected by mistake

Output: Built-in over voltage protection circuit. Trip point of crowbar circuit is between 5.9~7.0V. Hiccup mode against short circuit or over load conditions auto recovery when faulty conditions are removed

- *Temperature: 0~+70°C (operating); -40~+75°C (storage)

Input: Three positions terminal block

DC Output: Output provides one AT type P8/P9 and two disk

- *Dimensions: 14.0 x 15.0 x 8.62 cm with +/-0.8mm and +/-0.4mm tolerance between mounting holes
- *MTBF: 116,858 hrs.

SAFETY STANDARDS

*Safety: UL 1950 / CSA 22.2 No.234 / VDE EN60950

*EMI: FCC class B / EN55022B

*EMS: Level 3 of IEC-801, 802, 803, 804

PIN	Output		
Red	+5V		
Yellow	+12V		
Brown	-12V		
Grey	P.G.		
Black	GND		
White	-5V		
Orange	+3.3V		
Purple	+5Vsb		
Green	PWR ON		

PIN	Input
1	24VDC
2	0V
3	GND

Output Voltage	Min. Load	Rated Load	Max. Load	Tolerance
+5V	2A	25A	30A	+/-0.2V
+12V	0.1A	10A	15A	+/-0.6V
-12V	0A	1A	2A	+/-0.6V
-5V	0A	1A	2A	+/-0.25V
+3.3V	0A	8A	15A	+/-0.135V
+5Vsb	0A	0.72A	1.2A	+/-0.25V