

**Model: BPA-100-3346**

Total Power	100 Watts
Input Voltages	90-264 VAC
Outputs	Triple

**SPECIAL FEATURES**

- Active Power Factor Correction
- Wide Range Input
- UL, CUL, CB scheme, Demko
- CE compliant
- Custom Modifications Available

**ENVIRONMENTAL SPECIFICATIONS**

Humidity: Up to 95% non-condensing

Storage Temperature: -20° to +85°C

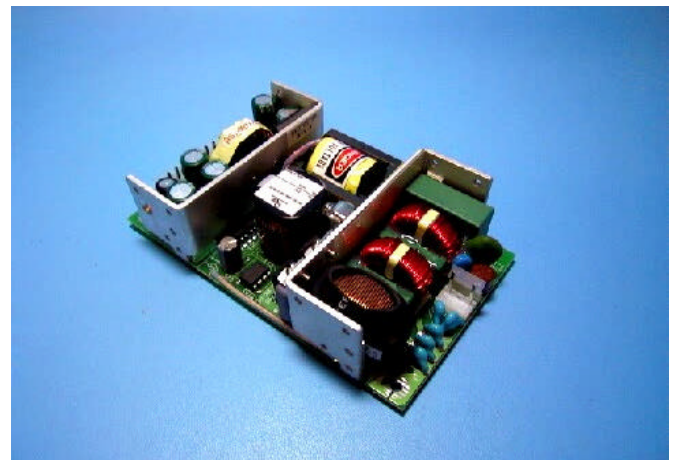
Temperature coefficient: ±0.01% / °C

Ambient Operating Temperature: 0 to +50°C continuous duty, full rating. Derate linearly to 50% of full rating at +71°C.

Cooling: 10-CFM forced air-cooling required.

**SAFETY APPROVALS**

UL	60950
CUL	60950
DEMKO	EN60950



**VOLTAGE/CURRENT RATING CHART**

Voltage	Minimum	Maximum
+5V	0.3A	12A
+12V	0.1A	5A
+24V	0A	2A

**ELECTRICAL SPECIFICATIONS**

**Input Specifications**

Input Range.....90-264 VAC

Frequency.....47-63 Hz

EMI filter..... EN55022 Class B, FCC Part 15

Inrush Current..... ≤30A @ 230 VAC

Input Current..... 1.7A - 0.7A

Isolation.....4242 VDC (Input to Output)

Efficiency.....Typically 76% @ 120 VAC

Active PFC.....0.99

Switching Frequency.....67 KHz.

**Output Specifications**

DC Output.....Maximum continuous output power 100 Watts with 10-CFM fan cooling.

Line Regulation.....±0.5%

Load Regulation.....±3.0% on the 5V output, ±5.0% on the +12V and +24V outputs.

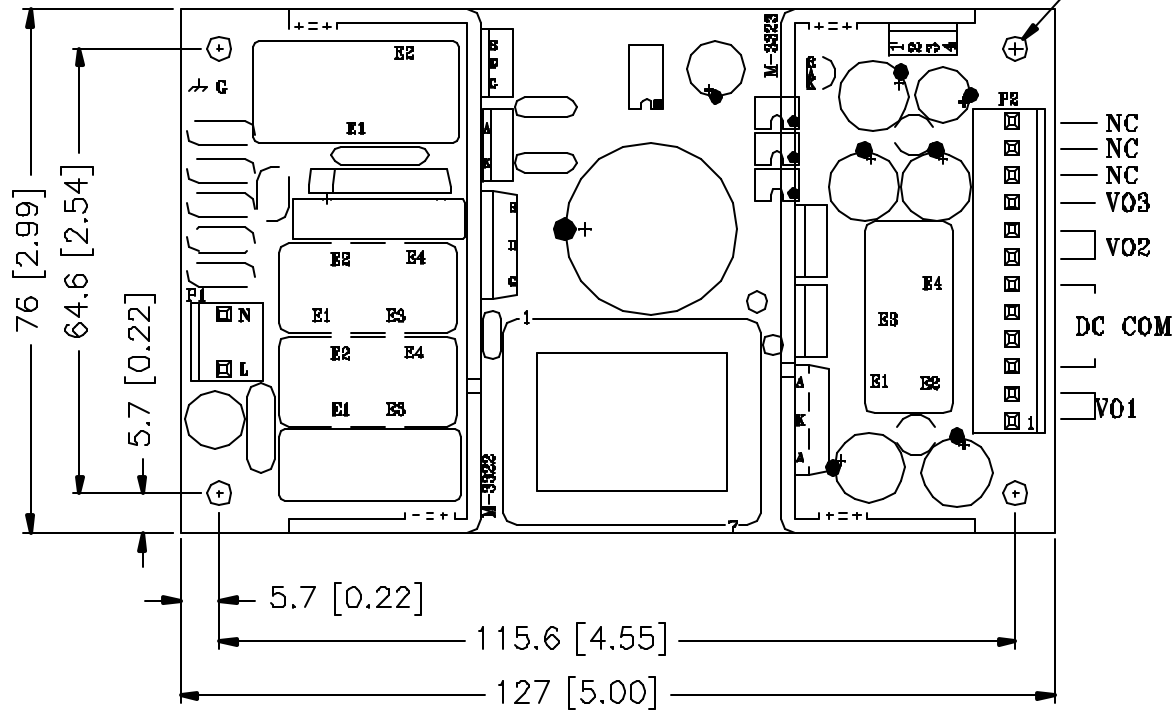
Ripple and Noise.....1% Pk to Pk

300-1 Route 17 South Suite B2  
 Lodi, NJ 07644  
 Phone: (973) 594-1800 Fax: (973) 594-1804  
[salesteam@blutekpower.com](mailto:salesteam@blutekpower.com)

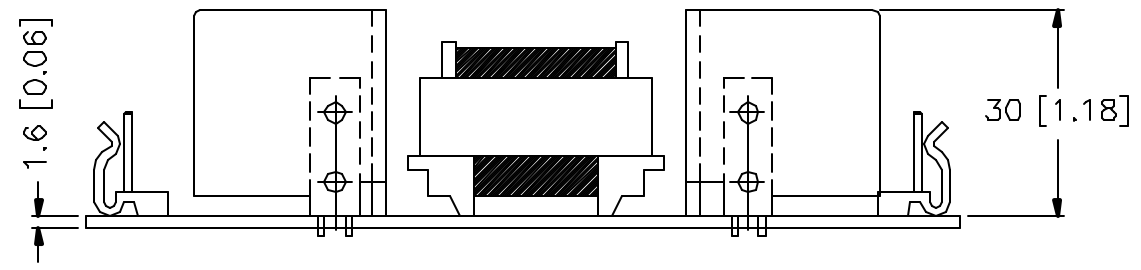


FM-4000-10/REV.D-080502'

Mounting holes  
 $\phi 3.5$  [ $\phi 0.14$ ] x 4 pcs



- NC
- NC
- NC
- V03
- V02
- DC COM
- V01



<i>BluTek Power</i>			
TITLE		P.C.B OUTLINE DRAWING	
DRAWN	E. L. LIN	DRG. NO.	BLU-058
CHECKED		MODEL NO.	BPA-100-3846

UNIT	mm[inches]	REV. NO.	B	SCALE	1 : 1	MAT'L	t=
THIRD	$\phi$			TOL.	$\pm 0.2$	DATE	01. 28. 2004



MODEL NO. : BPA-100-3346

IN/OUTPUT RATING & PIN ASSIGNMENT

SIZE : A4	FM-4000-34/REV.A-080602'
UNIT :mm[inches]	FILENAME: PPSC0350
REV. NO.: A	DATE : 03. 30. 2004
DRAWN: 洪麗珍 L. J. Hun	CHECKED:

INPUTS :

ASSIGNMENT	A.C. VOLTAGE	CURRENT	PIN NBR
L:	100-240V~	1.7A	P1-3
N:			P1-1
GND:		50-60Hz	G

OUTPUTS :

ASSIGNMENT	D.C. VOLTAGE	CURRENT	PIN NBR
V01:	+5V ===	12A	P2-1, 2
V02:	+12V ===	5A	P2-7, 8
V03:	+24V ===	2A	P2-9
DC COM:			P2-3, 4, 5, 6
N.C.:			P2-10,11,12

MAXIMUM OUTPUT POWER: 100W

