



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China





FWB100 Series

100 W ITE Desktop Power Supply

- High Efficiency: Level V
- High Power Density 4.2W/in³
- Lifetime Expectation >5 years
- Hold-up Time >48ms at full load
- Power Factor Correction
- EISA Compliant
- CEC Compliant

Elpac Part Number	Output Voltage	Output Current	Peak Current	Total Regulation	Typical Efficiency
FWB100012A-12B	12.0V	8.3A	10.0A	±5%	86%
FWB100015A-12B	15.0V	6.6A	8.0A	±5%	87%
FWB100018A-12B	18.0V	5.5A	6.7A	±5%	87%
FWB100024A-12B	24.0V	4.1A	5.0A	±5%	89%

Input	
Input Voltage	85 - 264VAC 100 - 240VAC Nominal
Input Frequency	47 - 63Hz
Input Current	<1.5A rms
Inrush Current	<37A at 230VAC cold start
Power Factor	>0.97
Zero Load Power Consumption	<0.5W
Touch Leakage Current	<150µA @ 132VAC @ 60Hz <250µA @ 264VAC @ 60Hz

Output	
Output Voltage	See Table
Total Regulation	+/-5%

Minimum Load	No minimum load required
Start-Up Delay	<1s
Hold-Up Time	>48ms at any input voltage
Ripple & Noise	<1% pk-pk **
Over Voltage Protection	110-135%
Over Temperature Protection	Active - Recoverable; plus Passive - Non Recoverable
Over Current Protection	120 - 180%
Short Circuit Protection	shutdown, auto-restart (hiccup mode)

General

Efficiency	Avg Efficiency 87.4% @ 115VAC; 87.9% @ 230VAC
MTBF	min. 200,000 hours demonstrated
Size	7.09
Weight	1.52 lbs (0.69 kg)
Power Density	4.2W/in ³

Environmental

Operating Temperature	0 – 60°C (Full load to 40°C, derate linearly to 50% load at 60°C)
Storage Temperature	-40°C to +85°C
Relative Humidity	5-95%, non-condensing
Cooling	Natural Convection
Vibration	All units production tested to 19.6m/s ²

EMC & Safety

Emissions	FCC class B, CISPR22 class B EN61000-3-2, -3
Immunity	EN61000-4-2, -3, -4, -5, -6, -8, -11
Certified by:	cTUVus, cULus UL 60950-1 CAN/CSA-22.2 No.60950-1 CB per IEC60950-1





CE marked to LVD & EMC

FWB100 | ICCNEXERGY | © 2011 |