



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!



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FTB080 Series

65 - 100 W ITE Open Frame Power Supply

- High Efficiency: Level V
- High Power Density 12.5W/in³
- Output Grounded
- Lifetime Expectation >5 years
- Hold-up Time 28ms at full load
- EN60950-1 Class I

Elpac Part Number	Output Voltage	Output Current	Peak Current	Total Regulation	Typical Efficiency
FTB080009A	9.0V	7.2A (65W)	10.0A (90W)	±5%	88%
FTB080012A	12.0V	6.7A (80W)	8.3A (100W)	±5%	90%
FTB080015A	15.0V	3.4A (80W)	4.2A (100W)	±5%	90%
FTB080024A	24.0V	3.4A (80W)	4.2A (100W)	±5%	91%

Input	
Input Voltage	85 - 264VAC 100 - 240VAC Nominal
Input Frequency	47 - 63Hz
Input Current	<2A rms
Inrush Current	<37A at 230VAC cold start
Zero Load Power Consumption	<0.3W
Earth Leakage Current	<75μA @ 132VAC @ 60Hz <120μA @ 264VAC @ 60Hz

Output	
Output Voltage	See Table
Total Regulation	+/-5%
Minimum Load	No minimum load required

Start-Up Delay	>0.2s
Hold-Up Time	>28ms at full load
Ripple & Noise	<1% pk-pk **
Over Voltage Protection	120-150%
Over Temperature Protection	Active - Recoverable; plus Passive - Non Recoverable
Over Current Protection	110 - 190%
Short Circuit Protection	shutdown, auto-restart (hiccup mode)

General

Efficiency	Avg Efficiency 89.6% @ 115VAC; 90.3% @ 230VAC
MTBF	min. 200,000 hours demonstrated
Size	4.00
Weight	0.37 lbs (.166 kg)
Power Density	12.5W/in ³

Environmental

Operating Temperature	0 – 50°C (Full load to 50°C, derate linearly to 50% load at 70°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 TUV to the following:	cTUVus UL 60950-1 CAN/CSA-22.2 No.60950-1 CB per IEC60950-1 CE marked to LVD





FTB080 | ICCNEXERGY | © 2011 |