



■ Features :

- Protections: Short circuit / Overload / Over voltage
- Cooling by free air convection
- LED indicator for power on
- 100% full load burn-in test
- 2 years warranty

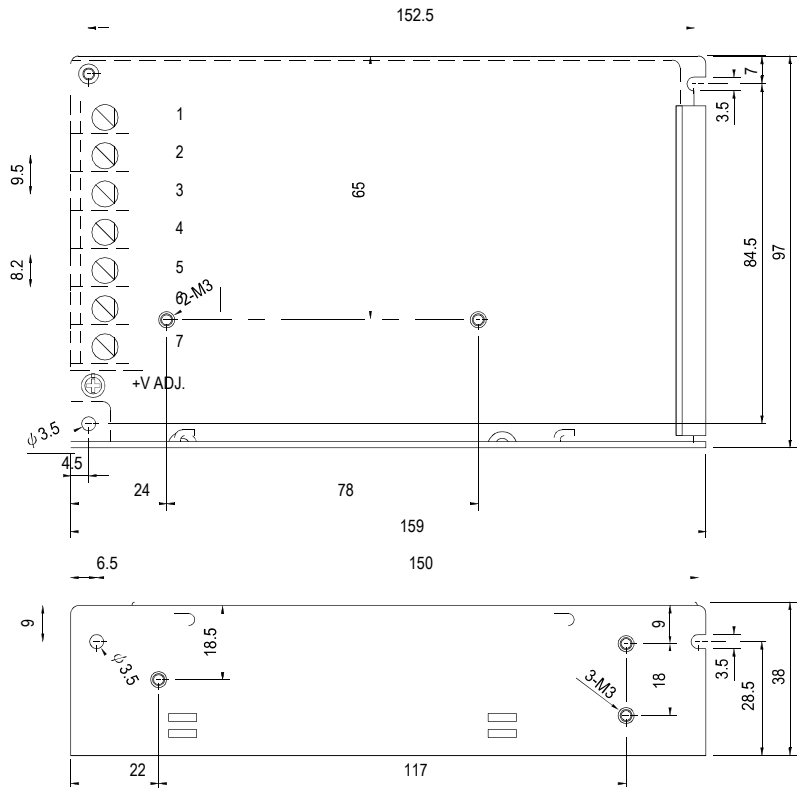


**SPECIFICATION**

BT-8000-100-48	BT-8000-100-24	BT-8000-100-15	BT-8000-100-12	BT-8000-100-9	BT-8000-100-7.5	BT-8000-100-5	MODEL	
48V	24V	15V	12V	9V	7.5V	5V	DC	
2.3A	4.5A	7A	8.5A	11.2A	13.6A	20A	RATED	
0~2.3A	0~4.5A	0~7A	0~8.5A	0~11.2A	0~13.6A	0~20A	CURRE	
110.4W	108W	105W	102W	100.8W	102W	100W	RATED	
150mVp-p	120mVp-p	120mVp-p	120mVp-p	120mVp-p	120mVp-p	80mVp-p	RIPPLE	
45.6 ~ 52.8V	22.8 ~ 26.4V	14.25 ~ 16.5V	11.4 ~ 13.2V	8.55 ~ 9.9V	7.13 ~ 8.3V	4.75 ~ 5.5V	VOLTA	OUTPUT
1.0%	1.0%	±1.0%	±	1.0%	±	1.0%	VOLTAG	
0.5%	0.5%	±0.5%	±	0.5%	±	0.5%	LINE	
0.5%	0.5%	±0.5%	±	0.5%	±	0.5%	LOAD	
500ms, 20ms/230VAC      500ms, 20ms/115VAC at full load							SETUP,	
30ms/230VAC      25ms/115VAC at full load							HOLD	
85 ~ 132VAC / 176 ~ 264VAC selected by switch      248 ~ 373VDC							VOLTA	
47 ~ 63Hz							FREQU	
86%	86%	84%	83%	81%	81%	80%	EFFICIE	INPUT
2A/115VAC      1.2A/230VAC							AC	
COLD START 36A							INRUSH	
<2mA / 240VAC							LEAKA	
110 ~ 150% rated output power							OVERL	PROTECTI
Protection type : Hiccup mode, recovers automatically after fault condition is removed							OAD	
55.2 ~ 64.8V	27.6 ~ 32.4V	17.25 ~ 20.25V	13.8 ~ 16.2V	10.4 ~ 12.2V	8.6 ~ 10.1V	5.75 ~ 6.75V	OVER	ON
Protection type : Hiccup mode, recovers automatically after fault condition is removed							VOLTA	
-20 ~ +60 (Refer to output load derating curve) °C							WORKIN	ENVIRONM
20 ~ 90% RH non-condensing							WORKI	
-40 ~ +85 , 10 ~ 95% RH °C							STORA	ENT
0.03%/ (0 ~ 50 ) ± °C °C							TEMP.	
10 ~ 500Hz, 2G 10min./1cycle, period for 60min. each along X, Y, Z axes							VIBRATI	
UL60950-1, CB(IEC60950-1),CCC GB4943 approved							SAFETY	
I/P-O/P:3KVAC I/P-FG:1.5KVAC O/P-FG:0.5KVAC							WITHST	SAFETY &
I/P-O/P, I/P-FG, O/P-FG:100M Ohms / 500VDC / 25 / 70% RH °C							ISOLATI	
Compliance to EN55022 (CISPR22) Class B							EMI	EMC (Note 6)
Compliance to EN61000-3-2,-3							HARMO	
Compliance to EN61000-4-2, 3, 4, 5, 6, 8, 11, ENV50204, EN55024, EN61000-6-1, light industry level, criteria A							EMS	
320.7Khrs min. MIL-HDBK-217F (25 ) °C							MTBF	OTHERS
159*97*38mm (L*W*H)							DIMENS	
0.55Kg; 30pcs/17.5Kg/0.97CUFT							PACKIN	
<ol style="list-style-type: none"> <li>All parameters not specially mentioned are measured at 230VAC input, rated load and 25 of ambient temperature.</li> <li>Ripple &amp; noise are measured at 20MHz of bandwidth by using a 12" twisted pair-wire terminated with a 0.1uf &amp; 47uf parallel capacitor.</li> <li>Tolerance : includes set up tolerance, line regulation and load regulation.</li> <li>Line regulation is measured from low line to high line at rated load.</li> <li>Load regulation is measured from 0% to 100% rated load.</li> <li>The power supply is considered a component which will be installed into a final equipment. The final equipment must be re-confirmed that it still meets EMC directives. For guidance on how to perform these EMC tests, please refer to "EMI testing of component power supplies." (as available on <a href="http://www.meanwell.com">http://www.meanwell.com</a>)</li> </ol>							NOTE	

Case No. 901 Unit:mm

**Mechanical**

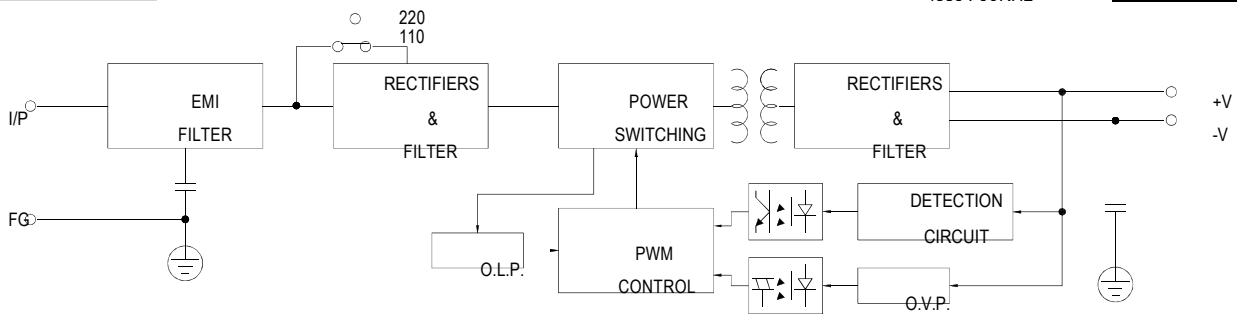


Terminal Pin No. Assignment

Pin No.	Assignment	Pin No.	Assignment
1	AC/L	4,5	DC OUTPUT -V
2	AC/N	6,7	DC OUTPUT +V
3	FG		

fosc : 60KHz

**Block**



**Static Characteristics**

**Derating**

