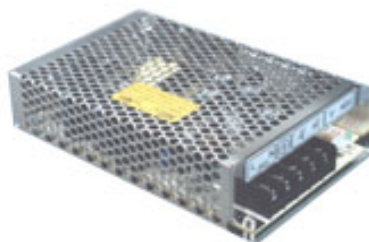




# HS-150B Single Output Switching Power Supply

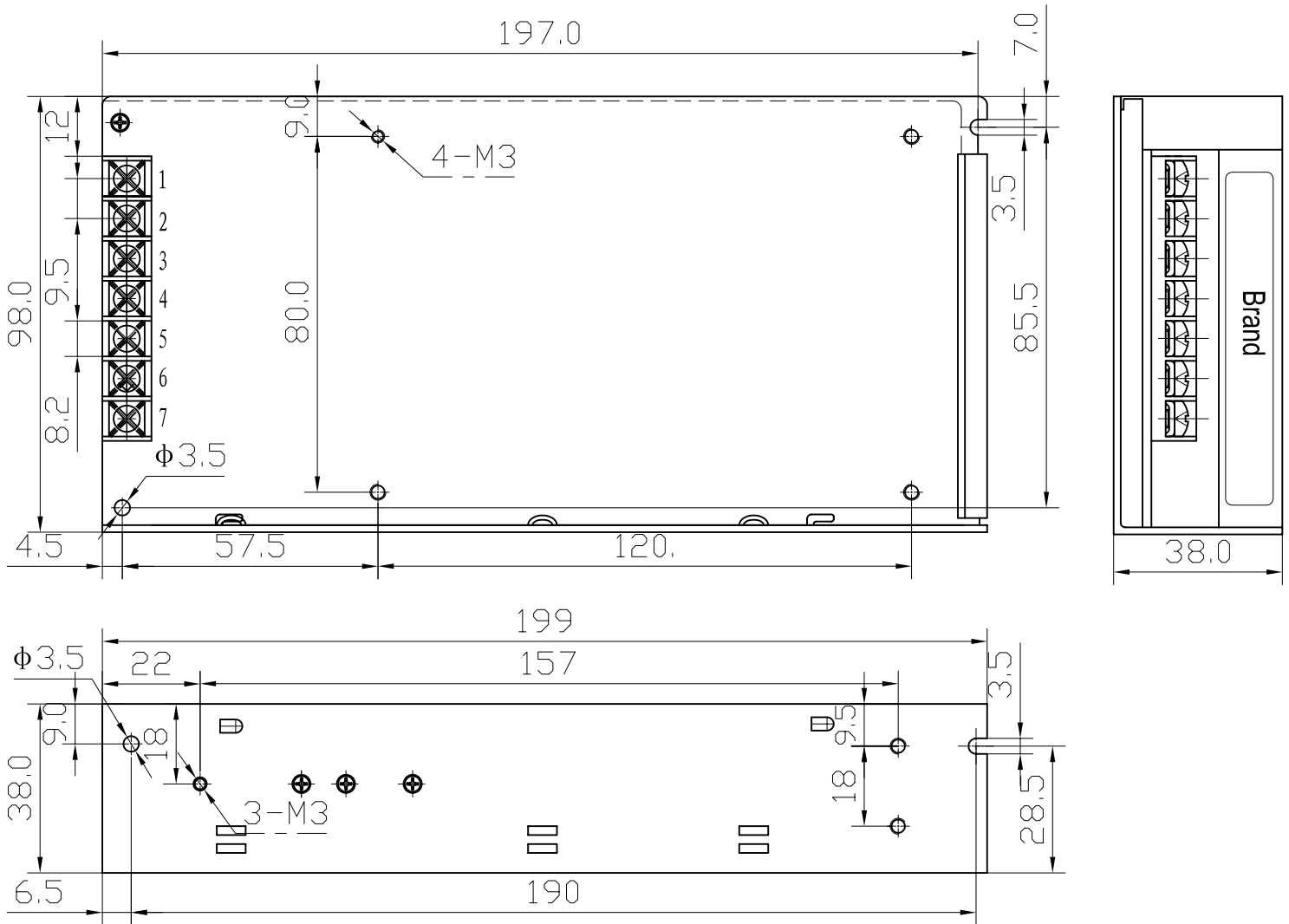
## Features:

- High efficiency, High reliability, long life
- 100%full load burn-in
- Protections: Short circuit/Over load/Over voltage
- Cooling by free air convection
- Apply to LED lighting and LED display screen
- Fixed switching frequency at 65KHz
- 1 year warranty
- Dimension: 199\*98\*38mm (L\*W\*H)



MODEL		HS-150B-5	HS-150B -7.5	HS-150B -12	HS-150B -15	HS-150B -24	HS-150B -48
OUTPUT	DC VOLTAGE	5V	7.5V	12V	15V	24V	48V
	RATED CURRENT	25A	18A	12.5A	10A	6.3A	3.2A
	CURRENT RANGE	0-25A	0-18A	0-12.5A	0-10A	0-6.25A	0-3.2A
	VOLTAGE TOLERANCE	±1.0%	±1.0%	±1.0%	±1.0%	±1.0%	±1.0%
	RATED POWER	125W	135W	150W	150W	151.2W	153.6W
	RIPPLE & NOISE	100mVp-p	120mVp-p	120mVp-p	120mVp-p	120mVp-p	120mVp-p
	VOLTAGE ADJ.RANGE	4.75-5.5V	6.75-8.25V	10.8-13.2V	13.5-16.5V	21.6-26.4V	42-52.8V
	SETUP,RISE,	800ms, 20ms/230VAC    1200ms, 30ms/115VAC full load					
	HOLD TIME	28ms/230VAC    20ms/115VAC full load					
INPUT	VOLTAGE RANGE	90 ~ 132VAC /180~264, selected by switch 248 ~ 373VDC					
	FREQUENCY RANGE	47~63Hz					
	EFFICIENCY	80%	82%	83%	84%	86%	87%
	AC CURRENT	3A/115VAC    2A/230VAC					
	INRUSH CURRENT	COLD START 40A/230VAC					
	LEAKAGE CURRENT	<2mA / 240VAC					
PROTECTION	OVER LOAD	110 ~ 150%					
		Protection: Hiccup mode,recovers automatically after fault condition is removed					
OVER VOLTAGE		5.75~6.75V	8.65~10.15V	13.8~16.2V	17.25~20.25V	27.6~32.4V	55.2~64.8V
		Protection: Hiccup mode,recovers automatically after fault condition is removed					
ENVIRONMENT	WORKING TEMP.	-10~+70℃, 20 ~ 90% RH(Refer to output load derating curve)					
	STORAGE TEMP.HUMIDITY	-20 ~ +85℃, 10 ~ 95% RH					
	VIBRATION	10 ~ 500Hz, 5G 10min./ 1cycle, period for 60 min, each along X.Y.Z axes					
SAFETY	WITHSTAND VOLTAGE	I/P-O/P: 3KVAC    I/P-FG: 1.5KVAC    O/P-FG: 0.5KVAC					
	ISOLATION RESISTANCE	I/P-O/P, I/P-FG, O/P-FG: 100M Ohms / 500VDC					
STANDARD	SAFETY STANDARDS	EN60950-1, EN61347-1, EN61347-2-13					
	EMC STANDARD	EN55022, EN55024,EN61000-3-2, EN61000-3-3,EN62384,CLASSB					
OTHERS	WEIGHT	0.62Kg					
	PACKING	30pcs/19.3Kg/1.22CUFT					
REMARK	1. All parameters NOT specially mentioned are measured at 230VAC input, rated load and 25 of ambient temperature. 2. Ripple & noise are measured at 20MHz of bandwidth by using a 12" twisted pair-wire terminated with a 0.1uf & 47uf parallel capacitor. 3. Tolerance : includes set up tolerance, line regulation and load regulation.						

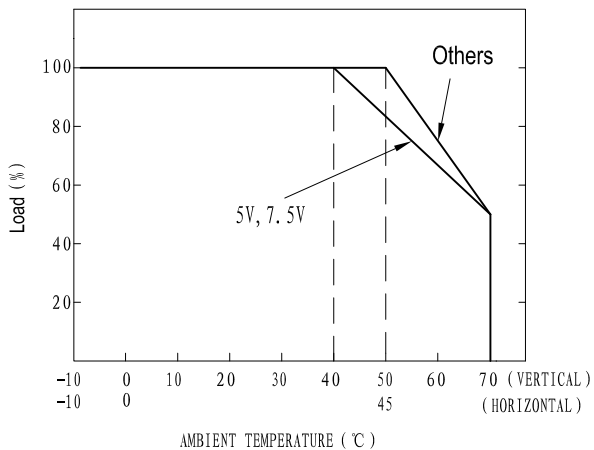
■ Outline and Installation Dimension:



Terminal Pin. No Assignment:

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

■ Derating Curve



■ Static Characteristics

