

Features:

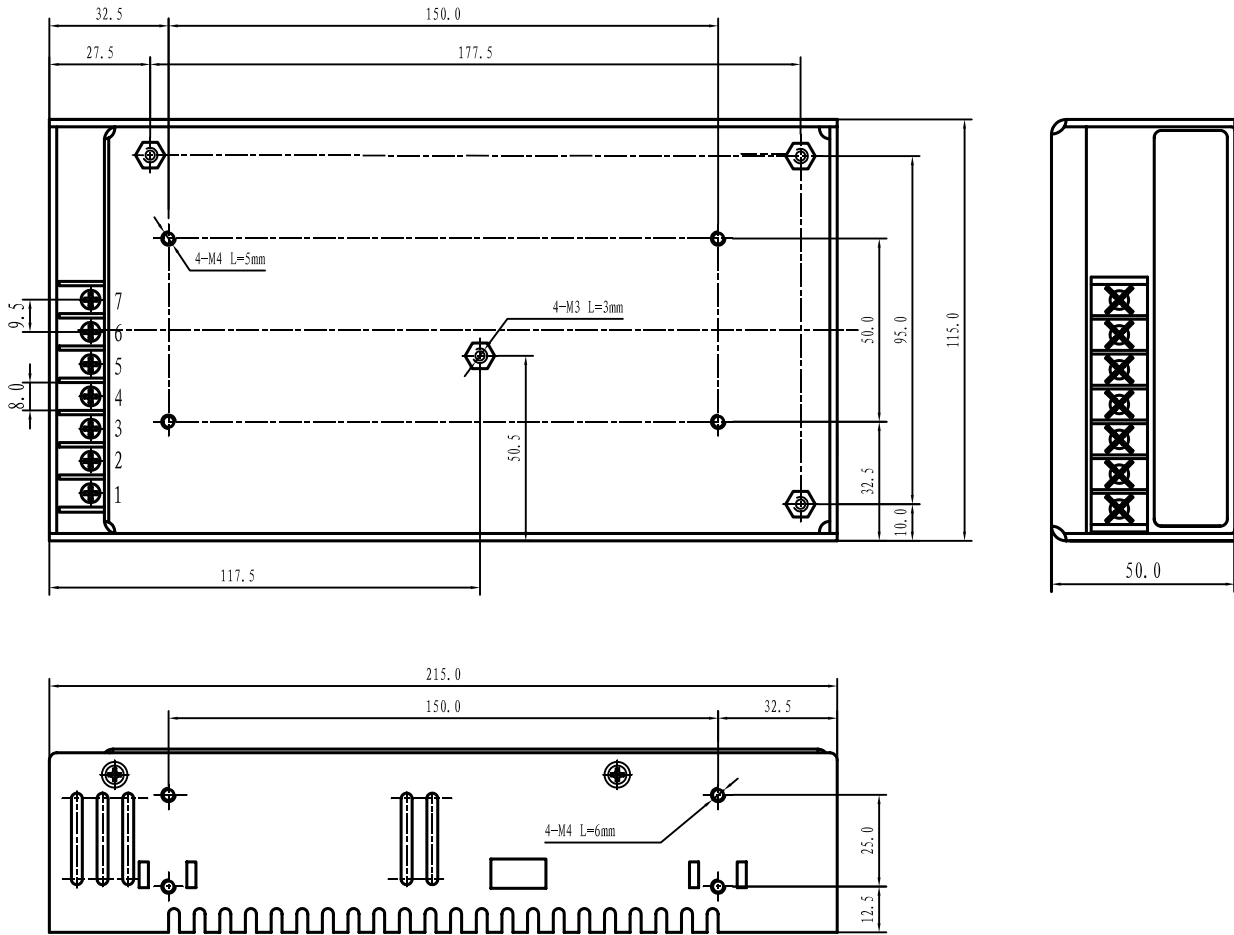
High efficiency, high reliability, low cost
 AC input range selected by switch
 100% full load burn-in test
 Protections: Short circuit/ Over load/ Over voltage/Over Temperature
 Cooling by free air convection
 Fixed switching frequency at 25KHz
 1 year warranty
 Dimensions: 215*115*50mm (L*W*H) Shell code: H007TB



Model		HS-201T-5	HS-201T-7.5	HS-201T-12	HS-201T-13.5	HS-201T-15	HS-201T-24	HS-201T-27	HS-201T-48	
Output	DC Voltage	5V	7.5V	12V	13.5	15V	24V	27V	48V	
	Voltage Tolerance	±2%	±2%	±1%	±1%	±1%	±1%	±1%	±1%	
	Line Regulation	±0.5%	±0.5%	±0.5%	±0.5%	±0.5%	±0.5%	±0.5%	±0.5%	
	Load Regulation	±1.0%	±1.0%	±0.5%	±0.5%	±0.5%	±0.5%	±0.5%	±0.5%	
	Rated Current	40A	26.5A	16.5A	14.7A	13A	8.3A	7.4A	4.2A	
	Current Range	0-40A	0-26.5A	0-16.5A	0-14.7A	0-13A	0-8.3A	0-7.4A	0-4.2A	
	Rated Power	200W	198.7W	198W	198.4W	198W	199.2W	199.8W	201.6W	
	Ripple & Noise	150 mVp-p	150 mVp-p	150 mVp-p	150 mVp-p	150 mVp-p	150 mVp-p	200 mVp-p	240 mVp-p	
	DC Voltage ADJ. Range	-10%,+12%	±20%	-16%,+10%	-12%,+11%	-10%,+20%	-16%,10%	-4%,+18%	-15%,+17%	
	Setup, Rise, Hold time	200ms, 100ms, 20ms at full load								
Input	Voltage Range	90~132 VAC/180~264VAC 47~63 Hz ; selected by switch 254~370VDC								
	AC Current	4.5A/115 V 2.5A/ 230 V								
	Efficiency	74%	79%	80%	80%	81%	83%	83%	84%	
	Inrush Current	Cold start 25A/115V, 50A/230V								
	Leakage Current	<3.5 mA/240VAC								
Protection	Over Load	115%~135%								
		Protection type : Shut down o/p voltage, recovers automatically after fault condition is removed.								
	Over Voltage	115%~135%								
Protection type: Hiccup mode, recovers automatically after fault condition is removed.										
Over Temperature	RTH3≥90℃, shut down o/p voltage, recovers automatically after fault condition is removed.									
Environment	Working Temp.;Humidity	-10℃~+50℃; 20%~90 %RH								
	Storage Temp.;Humidity	-20℃~+85℃; 10%~95 %RH								
	Vibration	10~500Hz, 2G 10min./1cycle, period for 60min, each along X, Y, Z axes								
Safety	Withstand Voltage	I/P-O/P:1.5KVAC 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								
Standards	Safety Standards	Design refer to UL1950								
	EMC Standards	Design refer to EN55022, EN55024, EN61000								
Others	Weight	1.15Kg								
	Packing	12pcs/13.3Kg/0.93CUFT								
Note	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 0.1μF &47μF parallel capacitor. 3.Tolerance includes set up tolerance, line regulation and load regulation 4.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.									

200W Single Output Switching Power Supply

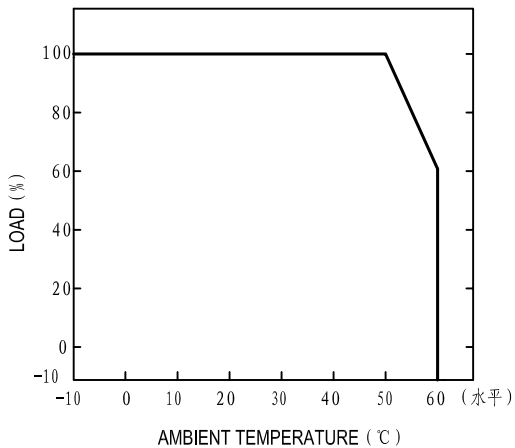
Outline and Dimension:



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 ⊕		

Derating Curve



Output Derating VS Input Voltage

