

**250W Single Output Switching Power Supply**



**GS-250T...**

**Feature**

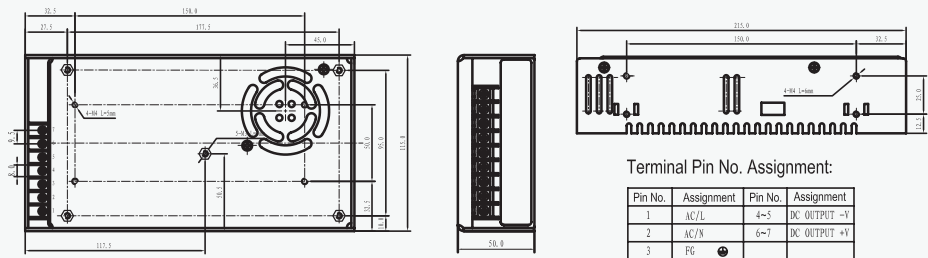
- High efficiency, high reliability, low cost
- Universal AC input / full range
- 100% full load burn-in test
- Protections: Short circuit/ Over load/ Over voltage
- Forced air cooling by built in DC fan
- Built-in cooling Fan ON-OFF control
- 1 year warranty
- Dimensions: 215\*115\*50mm(L\*W\*H)

**Notes:**

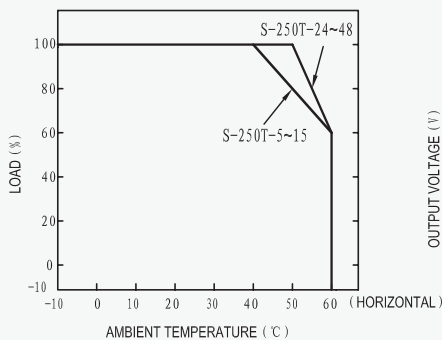
- All parameters NOT specially mentioned are measured at 230VAC input, rated load and 25°C of ambient temperature.
- Ripple & noise are measured at 20MHz of bandwidth by using a 12" twisted pair wire terminated with a 0.1µf & 47µf parallel capacitor.
- Tolerance: includes set up tolerance, line regulation and load regulation

Model		GS-250T-5	GS-250T-7.5	GS-250T-12	GS-250T-13.5	GS-250T-15	GS-250T-24	GS-250T-27	GS-250T-48	
Output	DC Voltage	5V	7.5V	12V	13.5V	15V	24V	27V	48V	
	Voltage Tolerance	±2%	±2%	±1%	±1%	±1%	±1%	±1%	±1%	
	Rated Current	40A	30A	20A	18.5A	16.6A	10A	9.3A	5.2A	
	Current Range	0-40A	0-30A	0-20A	0-18.5A	0-16.6A	0-10A	0-9.3A	0-5.2A	
	Rated Power	200W	225W	240W	250W	249W	240W	251W	250W	
	Ripple & Noise	120mVp-p	120mVp-p	150mVp-p	150mVp-p	150mVp-p	150mVp-p	200mVp-p	240mVp-p	
	DC Voltage adi. Range	-10% +12%	±20%	-16% +10%	-12% +11%	-10% +20%	-16% +10%	-4% +18%	-15% +17%	
Setup,Rise,Hold Time	200ms,50ms,20ms at full load									
Input	Voltage Range	90~132 VAC/ 180~264VAC 47~63 Hz;selected by switch 254~370VDC								
	AC Current	5.5A/115VAC 50A/230VAC								
	Efficiency	74%	76%	78%	79%	78%	82%	82%	83%	
	Inrush Current	25A/115V 50A/230V								
Protection	Leakage Current	<3.5 mA/240VAC								
	Over Load	105%~135% Protection type: hiccup mode,recovers automatically after fault condition is removed								
	Over Voltage	115%~135% Protection type: hiccup mode,recovers automatically after fault condition is removed								
Environment	Cooling Type	RTH3>=45°C FAN ON <=40°C FAN OFF, >=85°C output shutdown								
	Working Temp & Humidity	-10°C~+50°C; 20%~90 %RH								
	Storage Temp & Humidity	-20°C~+85°C; 10%~95 %RH								
Safety	Vibration	10-500Hz, 2G 10min./1cycle, period for 60min, each along X, Y, Z axes								
	Withstand Voltage	I/P-O/P: 1.5KVAC I/P-FG: 1.5KVAC O/P-FG: 0.5KVAC								
Standards	Isolation Resistance	I/P-O/P, I/P-FG, O/P-FG 100M /500VDC								
	Safety Standard	Design refer to UL1950								
Others	EMC Standard	Design refer to EN55022, EN55024, EN61000								
	Weight	1.15Kg								
	Packing	12pcs/13.8Kg/0.98CUFT								

**Outline and dimension**



**Derating Curve**



**Static Characteristics(24V)**

