

350W Single Output Switching Power Supply



GS-350...

Feature

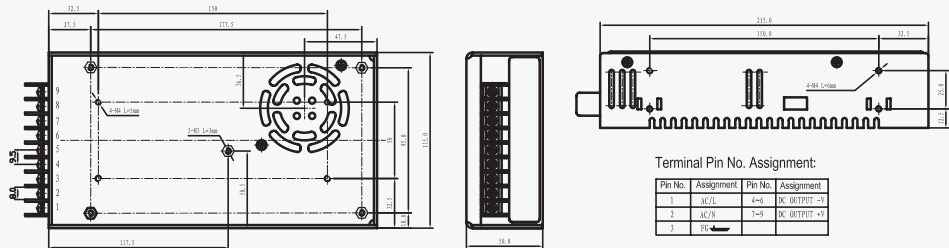
- Universal AC input / full range
- 100% full load burn-in test
- Protections: Short circuit/ Over load/ Over voltage
- PWM control and regulated
- Forced air cooling by built in DC fan
- Built-in cooling Fan ON-OFF control
- Fixed switching frequency at 25KHz
- 1 year warranty
- Dimensions: 215*115*50mm(L*W*H)

Notes:

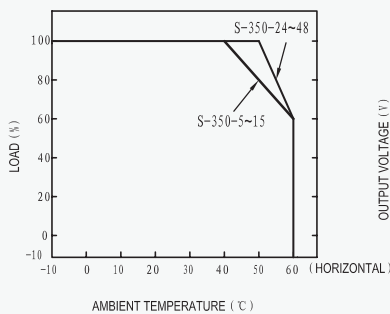
- All parameters NOT specially mentioned are measured at 230VAC input, rated load and 25°C of ambient temperature.
- Ripple & noise are measured at 20MHz of bandwidth by using a 12" twisted pair wire terminated with a 0.1µf & 47µf parallel capacitor.
- Tolerance: includes set up tolerance, line regulation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

Model	GS-350-5	GS-350-7.5	GS-350-12	GS-350-13.5	GS-350-15	GS-350-24	GS-350-27	GS-350-48		
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	50A	40A	29A	25.8A	23.2A	14.6A	13A	7.3A	
	Current Range	0-50A	0-40A	0-29A	0-25.8A	0-23.2A	0-14.6A	0-13A	0-7.3A	
	Rated Power	250W	300W	348W	348.3W	348W	350.4W	351W	350.4W	
	Ripple & Noise	150mVp-p	150mVp-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	6.5A/115 V 4A/ 230 V								
	Efficiency	73%	76%	74%	79%	78%	81%	82%	83%	
	Inrush Current	Cold start 50A/115V50A/230V								
	Leakage Current	<3.5 mA/240VAC								
Protection	Over Load	105%~135% Protection type: Fold back current limiting, recovers automatically after fault condition is removed								
	Over Voltage	115%~135% Protection type: hiccup mode, recovers automatically after fault condition is removed.								
	Fan ON/OFF Control	RT3≥55°C FAN ON □ ≤45°C FAN OFF □ ≥80°C output shutdown (5~7.5V) RT3≥65°C FAN ON □ ≤55°C FAN OFF □ ≥80°C output shutdown (12~15V) RT3≥70°C FAN ON □ ≤60°C FAN OFF □ ≥85°C output shutdown (24~48V)								
Environment	Working Temp & Humidity	-10°C~+50°C; 20%~90 %RH								
	Storage Temp & Humidity	-20°C~+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 /500VDC								
Standards	Safety Standard	Design refer to UL1950								
	EMC Standard	Design refer to EN55022, EN55024, EN61000								
Others	Weight	1.07Kg								
	Packing	12pcs/13.5Kg/0.98CUFT								

Outline and dimension



Derating Curve



Static Characteristics(24V)

