


**Features:**

- High Efficiency, and High reliability
- Output protections: SCP/OVP/OPP/OLP
- Operating ambient temperature (0°C -50°C)
- All using 105°C long life electrolytic capacitors.
- 100% full load burn-in test
- 2 years warranty

**SPECIFICATION**

MODEL	Item	GZM-H1000S24	GZM-H1000S 28	GZM-H1000S48	
OUTPUT	DC Output	24V	28V	48V	
	Rated Current	42A	35A	21A	
	Current Range	0-42 A	0-28A	0-21A	
	Ripple and Noise Note 2	<240 mV	<280mV	<480mV	
	Voltage ADJ. Range	± 10% of rated output voltage			
	Voltage Accuracy	± 3.0%			
	Line Regulation	± 1.0%	± 1.0%	± 1.0%	
	Load Regulation	± 2.0%			
	Set-up Time	< 20S @220Vac			
	Hold up Time	10mS@220Vac			
	Temperature Coefficient	± 0.03%/°C			
INPUT	Voltage Range	90Vac-264Vac			
	Frequency Range	47Hz-63Hz			
	Efficiency ( Typical)	220Vac	85%	85%	86%
	AC Current (max.)	7.5A	7.5A	7.5A	
	Inrush Current (Typical)	40A@220Vac Cold start			
	Leakage Current	<0.75mA			
PROTECTION	Over Current	105%-150% of rated output current, auto recovery			
	Over Voltage	115%-150% of rated output voltage, auto recovery			
	Shorted Circuit	Long-term mode, auto recovery			
ENVIRONMENT	Operating amb. Temp. & Hum.	0°C -45°C ; 20%-90%RH No condensing			
	Storage Temp. & Hum.	-25°C -85°C ; 10%-95%RH No condensing			
SAFETY & EMC Note3	Safety Standards	EN60950-1			
	Withstand Voltage	Primary-Secondary:1.5KVac; Primary-PG:1.5KVac; Secondary-PG:0.5KVDC			
	Isolation Resistance	≥50M ohms			
	EMI(Conduction& Radiation)	/			
	EMS Immunity	EN61000-4-4; EN61000-4-5			
OTHERS	MTBF (MIL-HDBK-217F)	More than 200,000Hrs (25°C, Full load)			
	Dimension (L*W*H)	270×160×88mm			
	Connection	terminal block			
	Cooling method	Forced air cooling(Built-in fan)			
NOTE	1. All parameters NOT specially mentioned are measured at rated input, rated load and 25°C of ambient temperature. 2. Measured at 20MHz of bandwidth by using a 12" twisted pair-wire terminated with a 0.1 uF & 47uF parallel capacitor. 3. The SPS is considered a component which will be installed into final equipment. The equipment must be re-confirmed that it still meets directives.				

Mechanical specification

unit: mm

