

■ 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



■ SPECIFICATIN

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		176Vac~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		
ENVIRONMEN T	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		Fored 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

