



■ **Features:**

- High AC input/ 176VAC~265VAC
- High Efficiency, and High reliability
- Output protections: SCP/OVP/OPP/OLP
- Wide operating ambient temperature (0°C~50°C)
- All using 105 °C long life electrolytic capacitors.
- 100% full load burn-in test
- 2 year warranty

**SPECIFICATION**

MODEL		GZM-H120T5+24+12		
OUTPUT	Output Number	V1	V2	V3
	DC Output	5.0V	24.0V	12.0V
	Rated Current	4.0A	2.5A	2.0A
	Current Range <small>Note 1</small>	0.4~4.0A	0.25~2.5A	0.2~2.0A
	Ripple and Noise <small>Note 2</small>	50mV	240mV	120mV
	Voltage ADJ. Range	V1:3.5-6.5V		
	Voltage Accuracy	±3.0%	±10.0%	±10.0%
	Line Regulation	±0.5%	±0.5%	±0.5%
	Load Regulation	±2.0%	±10.0%	±10.0%
	Set-up Time	<1.0S (220Vac input, Full load)		
	Hold up Time	>20mS(220Vac input, Full load)		
	Temperature Coefficient	±0.03%/°C		
	Overshoot and Undershoot	<5.0%		
INPUT	Voltage Range	176Vac~265Vac		
	Frequency Range	47Hz-63Hz		
	Efficiency ( Typical)	75%		
	AC Current (max.)	2.5A		
	Inrush Current (Typical)	40A@220Vac Cold start		
	Leakage Current	Primary--PG:<0.25mA; Secondary—PG: <3.5mA		
PROTECTION	Over Power	V2:150%~300% of rated output current, auto recovery		
	Over Current	V2:150%~300% of rated output current, auto recovery		
	Over Voltage	110%~150% of rated output voltage, Shut down		
	Shorted Circuit	Long-term mode, auto recovery		
ENVIRONMENT	Operating amb.Temp.& Hum.	0°C~50°C; 20%~90%RH No condensing		
	Storage Temp. & Hum.	-20°C~85°C; 10%~95%RH No condensing		
SAFETY & EMC <small>(Note 3)</small>	Safety Standards	GB4943-2001; EN60950-1: 2006		
	Withstand Voltage	Primary-Secondary:3.15KVac≤10mA.Primary-PG:2.15KVac;≤10mA.Secondary-PG:0.5KVDC;≤10mA.		
	Isolation Resistance	≥100M ohms		
	EMI Conduction&Radiation	Compliance to EN55022(CISPR22)ClassB		
	Harmonic Current	Compliance to EN61000-3-2,ClassA		
OTHERS	EMS Immunity	Compliance to EN61000-4-2,3,4,5,6,8,11;ENV50204,light industry level,criteriaA		
	MTBF (MIL-HDBK-217F)	More than 100,000Hrs (25°C, Full load)		
	Dimension (L*W*H)	199×98×40mm		
	Packing	20PCS/CTN, 15KGS		
NOTE	Cooling method	Cooling by free air convection		
		<ol style="list-style-type: none"> <li>1. All parameters NOT specially mentioned are measured at rated input, rated load and 25°C of ambient temperature.</li> <li>2. Measured at 20MHz of bandwidth by using a 12" twisted pair-wire terminated with a 0.1 uF &amp; 47uF parallel capacitor.</li> <li>3. The SPS is considered a component which will be installed into final equipment. The equipment must be re-confirmed that it still meets EMC directives.</li> </ol>		

■ Mechanical Specification

Unit: mm

