



#### ■ Features:

- Universal AC input/ Full range
- High Efficiency, and High reliability
- Output protections: SCP/OVP/OPP/OLP
- Wide operating ambient temperature (-10°C~50°C)
- All using 105°C long life electrolytic capacitors.
- 100% full load burn-in test
- 2 year warranty

#### SPECIFICATION

MODEL		GZM-U25S5	GZM-U25S12	GZM-U25S15	GZM-U25S24	GZM-U25S48	
OUTPUT	DC Output	5.0V	12.0V	15.0V	24.0V	48.0V	
	Rated Current	5.00A	2.10A	1.70A	1.10A	0.55A	
	Current Range	Note 1	0~5.0A	0~2.10A	0~1.70A	0~1.10A	0~0.55A
	Ripple and Noise	0~50°C	50mV	50mV	50mV	50mV	50mV
		-10°C	100mV	100mV	100mV	150mV	150mV
	Voltage ADJ. Range		4.5V-5.5V	11V-13V	13V-16.5V	21.5V-25.5V	44V-52V
	Voltage Accuracy		±2.0%	±2.0%	±2.0%	±2.0%	±2.0%
	Line Regulation		±1.0%	±1.0%	±1.0%	±1.0%	±1.0%
	Load Regulation		±2.0%	±2.0%	±2.0%	±2.0%	±2.0%
	Set-up Time		<3.0S (120Vac input, Full load); <1.5S (220Vac input, Full load)				
	Hold up Time		>10mS(120Vac input, Full load); >20mS(220Vac input, Full load)				
	Temperature Coefficient		±0.03%/°C				
	Overshoot and Undershoot		<5.0%				
INPUT	Voltage Range	90Vac~264Vac					
	Frequency Range	47Hz~63Hz					
	Efficiency ( Typical)	76%	78%	80%	82%	84%	
	AC Current (max.)	0.7A					
	Inrush Current (Typical)	20A@120Vac 40A@220Vac Cold start					
	Leakage Current	Primary-Secondary: <0.25mA Primary-Ground: <3.5mA					
PROTECTION	Over Power	105%~150% of rated output current, auto recovery					
	Over Current	105%~150% of rated output current, auto recovery					
	Over Voltage	105%~150% of rated output voltage, auto recovery					
	Shorted Circuit	Long-term mode, auto recovery					
ENVIRONMENT	Operating amb. Temp. & Hum.	-10°C~50°C; 20%~90%RH No condensing					
	Storage Temp. & Hum.	-40°C~85°C; 10%~95%RH No condensing					
SAFETY & EMC (Note 3)	Safety Standards	GB4943-2001; EN60950-1: 2006					
	Withstand Voltage	Primary-Secondary:3.0kVac; ≤10mA .Primary-PG:1.5kVac; ≤10mA. Secondary-PG:0.5kVdc;≤10mA.					
	Isolation Resistance	≥100M ohms					
	EMI Conduction&Radiation	Compliance to EN55022(CISPR22)ClassB					
	EMS Immunity	Compliance to EN61000-4-2,3,4,5,6,8,11;ENV50204,light industry level,criteriaA					
OTHERS	MTBF (MIL-HDBK-217F)	More than 100,000Hrs (25°C , Full load)					
	Dimension (L*W*H)	143×59×38mm					
	Cooling method	Cooling by free air convection					
NOTE	<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>						

