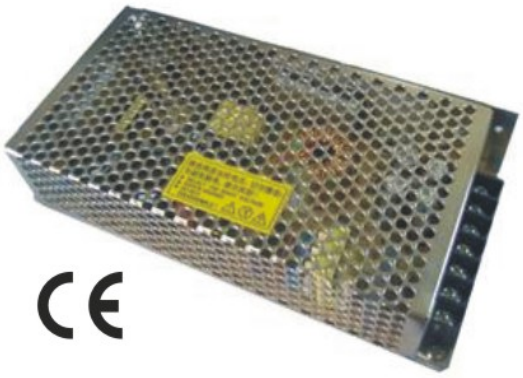

Features:

- High AC input:176VAC~265VAC
- High Efficiency, and High reliability
- Output protections: SCP/OVP/OPP/OLP
- Wide operating ambient temperature (-10℃~50℃)
- All using 105℃ long life electrolytic capacitors.
- 100% full load burn-in test
- 2 years warranty

SPECIFICATION

MODEL			GZM-H100D5+12	
OUTPUT	Ouput Number		V1	V2
	DC Output		5.0V	12.0V
	Rated Current		10.0A	4.0A
	Current Range	Note 1	0 ~10.0A	0 ~4.0A
	Ripple and Noise Note 2	0~65℃	120mV	120mV
		-25~0℃	240mV	240mV
	Voltage Accuracy		±1.0%	±10.0%
	Line Regulation		±0.5%	±1.0%
	Load Regulation		±3.0%	±10.0%
	Set-up Time		＜1.0S (220Vac input, Full load)	
	Hold up Time		＞20mS(220Vac input, Full load)	
	Temperature Coefficient		±0.03%/℃	±0.03%/℃
	Overshoot and Undershoot		<5.0%	
INPUT	Voltage Range		176Vac~264Vac	
	Frequency Range		47Hz-63Hz	
	Efficiency (Typical)		75%@220Vac,	
	AC Current (max.)		2.0A	
	Inrush Current (Typical)		50A@220Vac Cold start	
	Leakage Current		Input—Output: ≤0.25mA Input—PG: ≤3.5mA	
PROTECTION	Over Power		105%~150% of rated output current, auto recovery	
	Over Current		V1:110%~220% of rated output current, auto recovery	
	Over Voltage		V1:105%~150% of rated output voltage, auto recovery	
	Shorted Circuit		Long-time; auto recovery	
ENVIRONMENT	Operating amb.Temp.& Hum.		-10℃~50℃; 20%~90%RH No condensing	
	Storage Temp. & Hum.		-30℃~85℃; 10%~95%RH No condensing	
SAFETY &EMC (Note 3)	Safety Standards		GB4943-2001; EN60950-1：2006	
	Withstand Voltage		Primary-Secondary:1.5KVac;≤10mA.Primary-PG:1.5KVac;≤10mA.Secondary-PG:0.5KVDC;≤10mA.	
	Isolation Resistance		≥100M ohms	
	EMI Conduction&Radiation		Compliance to EN55022(GB9254)ClassB	
	Harmonic Current		Compliance to EN61000-3-2,ClassA	
	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 200,000Hrs (25℃, Full load)	
	Dimension (L*W*H)		199×98×40mm	
	Cooling method		Cooling by free air convection	
NOTE	1. All parameters NOT specially mentioned are measured at rated input, rated load and 25℃ of ambient temperature. 2. Measured at 20MHz of bandwidth by using a 12" twisted pair-wire terminated with a 0.1 uF & 10uF 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 EMC directives.			

■ Mechanical Specification unit:mm