


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		MGS-H60T5+24+12		
OUTPUT	Output Number	V1	V2	V3
	DC Output	5.0V	24.0V	12.0V
	Rated Current	5.0A	2.0A	1.0A
	Current Range <small>Note 1</small>	0.25-5.0A	0.1-2.0A	0.05-1.0A
	Ripple and Noise <small>Note 2</small>	50mV	200mV	120mV
	Voltage ADJ. Range	V1:4.4-5.6V		
	Voltage Accuracy	±2.0%	±5.0%(0.5<I1:I2<3)	±5.0%(1.0<I1:I3<20)
	Line Regulation	±0.5%	±1.0%	±1.0%
	Load Regulation	±1.0%	±5.0%(0.5<I1:I2<3)	±5.0%(1.0<I1:I2<20)
	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.)	0.8A		
	Inrush Current (Typical)	40A@220Vac Cold start		
	Leakage Current	Primary--PG:<0.25mA; Secondary—PG: <3.5mA		
PROTECTION	Over Power	V2:120%-350% of rated output current, auto recovery		
	Over Current	V2:3A-8A@ V1/2A,V3/0.5A, auto recovery		
	Over Voltage	V1:115%-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:3.0KVac;≤10mA.Primary-PG:2.0KVac; ≤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)	160×98×38mm		
	Packing	20PCS/CTN, 13.6Kgs		
NOTE	Cooling method	Cooling by free air convection		
		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 EMC directives. 4. Burn in test for +5V/4A,+24V/1A, +12/0.5A.		

■ Mechanical Specification

Unit: mm

