
Features:

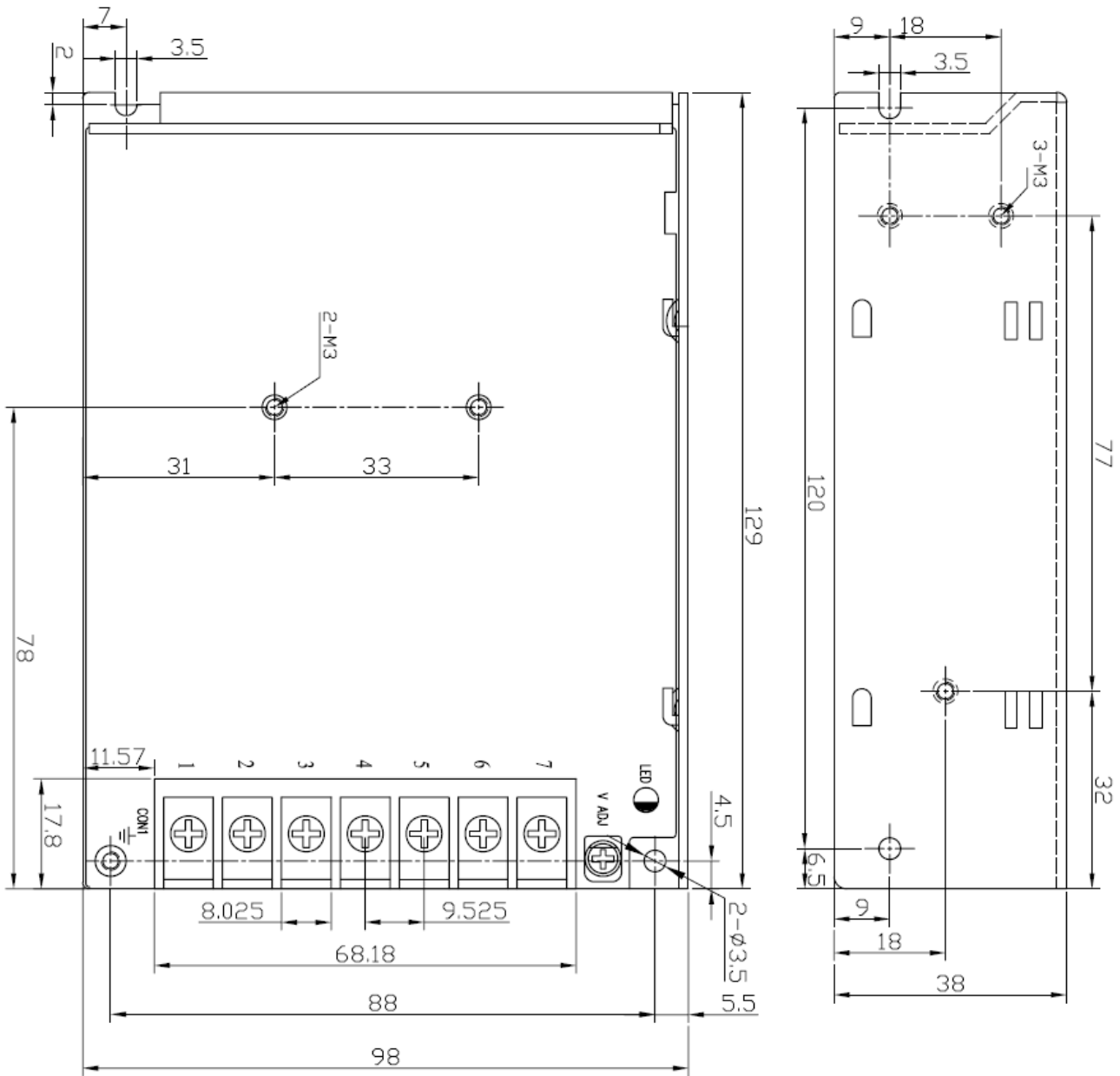
- Miniature
- High Efficiency, and High reliability
- Output protections: SCP/OVP/OPP/OC
- All using 105°C long life electrolytic capacitors.
- 100% full load burn-in test
- 1 year warranty

SPECIFICATION

MODEL		GSM-H60S12	GSM-H60S24
OUTPUT	DC Output	12V	24V
	Rated Current	5A	2.6A
	Current Range Note 2	0~5A	0~2.6A
	Ripple and Noise Note 3	100mV	50mV
	Voltage ADJ. Range	±5% of rated output voltage	
	Voltage Accuracy	±3.0%	±3.0%
	Line Regulation	±0.5%	±0.5%
	Load Regulation	±2.0%	±2.0%
	Set-up Time	<1.5S (220Vac input, Full load)	<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 Note 2	176Vac~264Vac	
	Frequency Range	47Hz~63Hz	
	Efficiency (Typical)	79% at 220Vac input	79% at 220Vac input
	AC Current (max.)	1.2A	1.0A
	Inrush Current (Typical)	50A@220Vac Cold start	40A@220Vac Cold start
	Leakage Current	Input—output:<0.25mA Input—PG:<3.5mA	
PROTECTION	Over Power	105%~165% of rated output current, auto recovery	
	Over Current	105%~165% of rated output current, auto recovery	
	Over Voltage	115%~150% of rated output voltage	
	Shorted Circuit	Long-term mode, auto recovery	
ENVIRONMENT	Operating amb. Temp. &	0°C ~50°C; 20%~90%RH No condensing	
	Storage Temp. & Hum.	-25°C ~85°C; 10%~95%RH No condensing	
SAFETY & EMC	Safety Standards	/	
	Withstand Voltage	Primary-Secondary:1.5KVac; Primary-PG:1.5KVac; Secondary-PG:0.5KVDC	
	Isolation Resistance	50M ohms	
OTHERS	MTBF (MIL-HDBK-217F)	More than 100,000Hrs (25°C, Full load)	
	Dimension (L*W*H)	129×98×38mm	
	Connection	7P/8.025mm barrier terminal block	
	Cooling method	Cooling by free air convection	
NOTE	1. All parameters NOT specially mentioned are measured at rated input, rated load and 25°C of ambient temperature. 2. AC input range selected with switching. 3. Measured at 20MHz of bandwidth by using a 12" twisted pair-wire terminated with a 0.1 uF & 47uF parallel capacitor.		

Mechanical Specification

Unit: mm



Pin No.	Assignment
1	AC input -L
2	AC input+N
3	F.G
4-5	DC output -V
6-7	DC output +V