


Features:

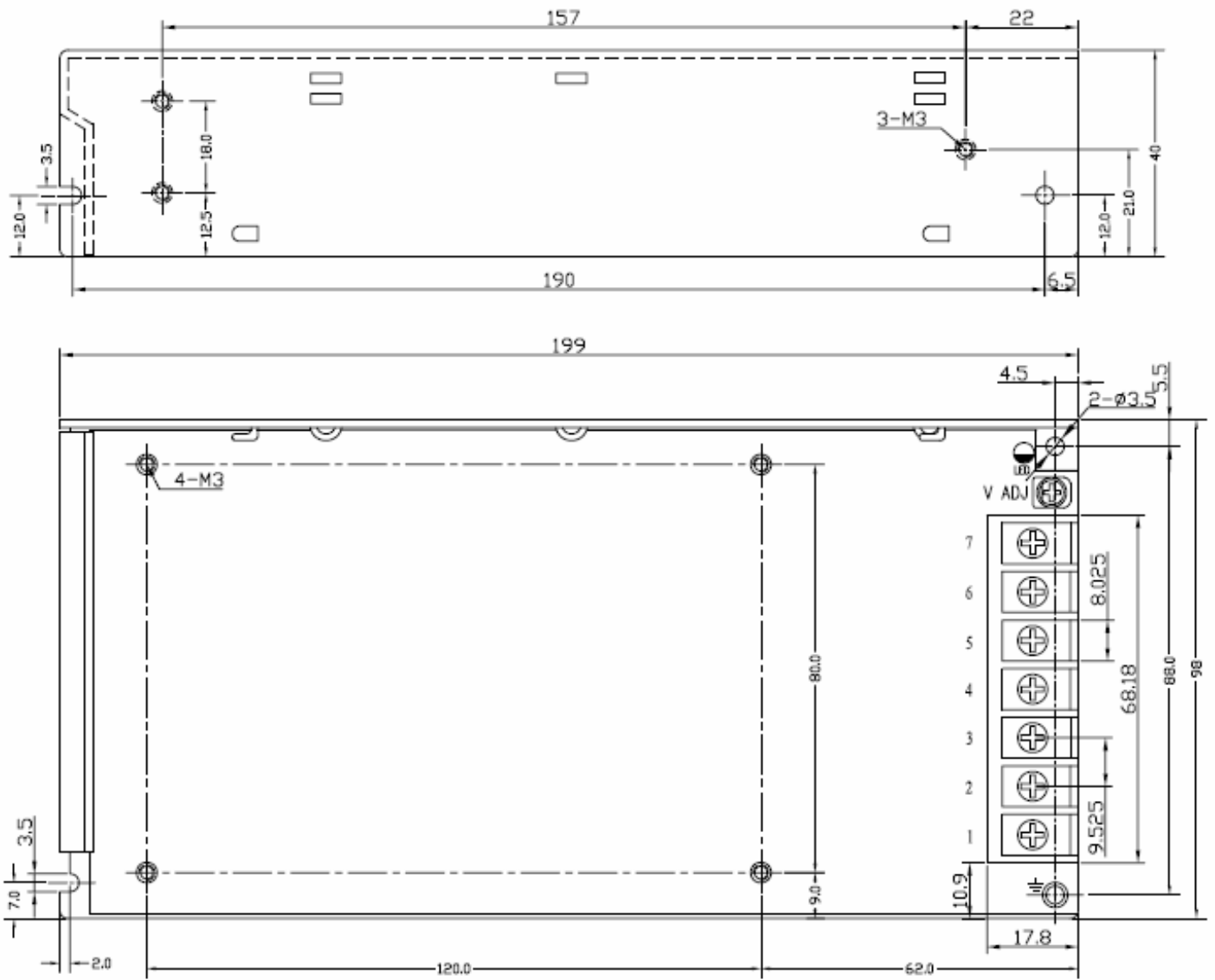
- High Efficiency, and High reliability
- Output protections: OCP/OPP/SCP
- Wide operating ambient temperature (-10°C ~50°C)
- All using 105°C long life electrolytic capacitors.
- 100% full load burn-in test
- 1 year warranty

SPECIFICATION

MODEL		GST-H150S5	GST-H150S12	GST-H150S24	GST-H150S30	GST-H150S36	GST-H150S48	
OUTPUT	DC Output	5.0V	12V	24V	30V	36V	48V	
	Rated Current	30A	12.5A	6.0A	5A	4A	3.0A	
	Current Range	0-30A	0-12.5A	0-6.0A	0-5A	0-4.0A	0-3.0A	
	Ripple and Noise Note 2	50mV	120mV	200mV	200mV	200 mV	200mV	
	Voltage ADJ. Range	±5% of rated output voltage						
	Voltage Accuracy	±2.0%	±2.0%	±2.0%	±2.0%	±2.0%	±2.0%	
	Line Regulation	±0.5%						
	Load Regulation	±1.0%	±1.0%	±1.0%	±1.0%	±1.0%	±1.0%	
	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)	220Vac	75%	80%	81%	82%	85%	85%
	AC Current (max.)	4.0A	2.0A	1.9A	2A	2.0A	1.8A	
	Inrush Current (Typical)	40A@220Vac Cold start						
	Leakage Current	<3.5mA						
PROTECTION	Over Current	105%~150% of rated output current, auto recovery						
	Over Power	105%~150% of rated output current, 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.	-25°C ~85°C; 10%~95%RH No condensing						
SAFETY & EMC	Safety Standards	EN60950-1						
	Withstand Voltage	Primary-Secondary:1.5KVac; Primary-PG:1.5KVac; Secondary-PG:0.5KVDC						
	Isolation Resistance	100M ohms						
OTHERS	MTBF (MIL-HDBK-217F)	More than 100,000Hrs (25°C, Full load)						
	Dimension (L*W*H)	199×98×40mm						
	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. 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 -N
2	AC input+L
3	F.G
4	DC output :-V
5	DC output :-V
6	DC output :+V
7	DC output :+V