

■ **Features:**

- ✓ High Efficiency, and High reliability
- ✓ Output protections: SCP/OVP/OPP/OLP
- ✓ Wide operating ambient temperature (0°C~45°C)
- ✓ All using 105°C long life electrolytic capacitors.
- ✓ 100% full load burn-in test
- ✓ 1 year warranty

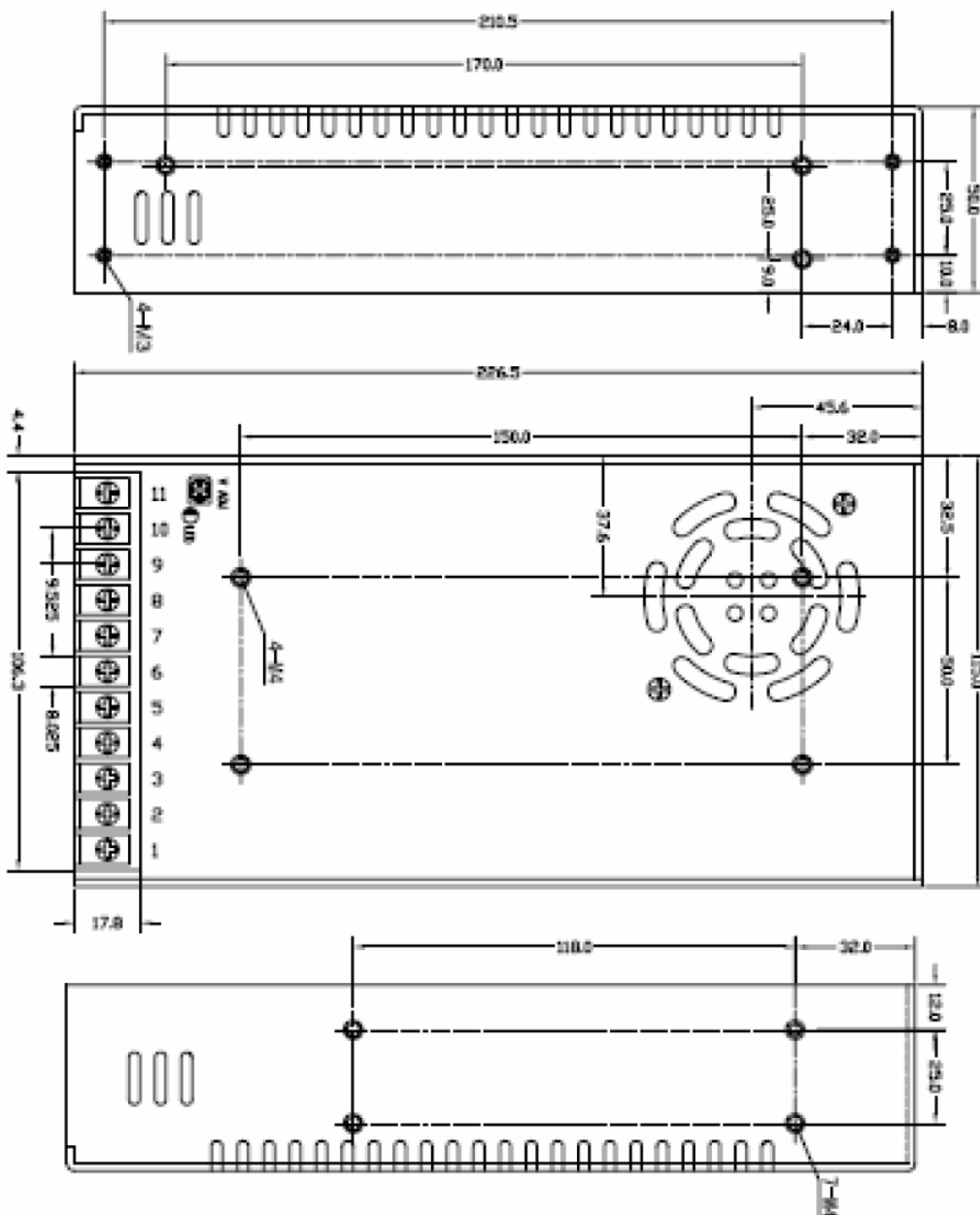
■ **SPECIFICATIN**



MODEL			GZT-H300S21	GZT-H300S27.7	GZT-H300S33	GZT-H300S36	GZT-H300S200
OUTPUT	DC Output		21V	27.7V	33V	36V	200V
	Rated Current		12.5A	11A	9.0A	8.3A	1.5A
	Current Range		0~12.5A	0~11A	0~9.0A	0~8.3	0~1.5A
	Ripple and Noise Note 2		240mV	270mV	330mV	360mV	1000mV
	Voltage ADJ. Range		±5% of rated output voltage				
	Voltage Accuracy		±3.0%				
	Line Regulation		±0.5%	±0.5%	±1.0%	±0.5%	±0.5%
	Load Regulation		±2.0%				
	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	82%	83%	85%	82%	80%
	AC Current (max.)		3.8A	4.0A	3.5A	3.8A	3.6A
	Inrush Current (Typical)		40A@220Vac Cold start				
	Leakage Current		<3.5mA				
PROTECTION	Over Current		105%~150% of rated output current, auto recovery				
	Over Voltage		110%~150% of rated output voltage, auto recovery				
	Shorted Circuit		Long-term mode, auto recovery				
ENVIRONMENT	Operating amb. Temp. & Hum.		0°C-45°C 20%~90%RH No condensing				
	Storage Temp. & Hum.		-25°C-85°C 10%~95%RH No condensing				
SAFETY & EMC Note3	Safety Standards		GB4943				
	Withstand Voltage		Primary-Secondary:1.5KVac; Primary-PG:1.5KVac; Secondary-PG:0.5KVDC				
	Isolation Resistance		100M ohms				
	EMI(Conduction& Radiation)		/				
	EMS Immunity		EN61000-4-4; EN61000-4-5				
OTHERS	MTBF (MIL-HDBK-217F)		More than 100,000Hrs (25°C Full load)				
	Dimension (L*W*H)		226×115×50mm				
	Connection		11P/8.025mm barrier terminal block				
	Cooling method		Cooling by force air				
NOTE	1. All parameters NOT specially mentioned are measured at rated input, rated load and 25°Cof 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.						

■ **Mechanical Specification**

Unit: mm



Pin No.	Assignment
1	AC input -L
2	AC input+N
3	F.G
4-7	DC output -V
8-11	DC output +V