

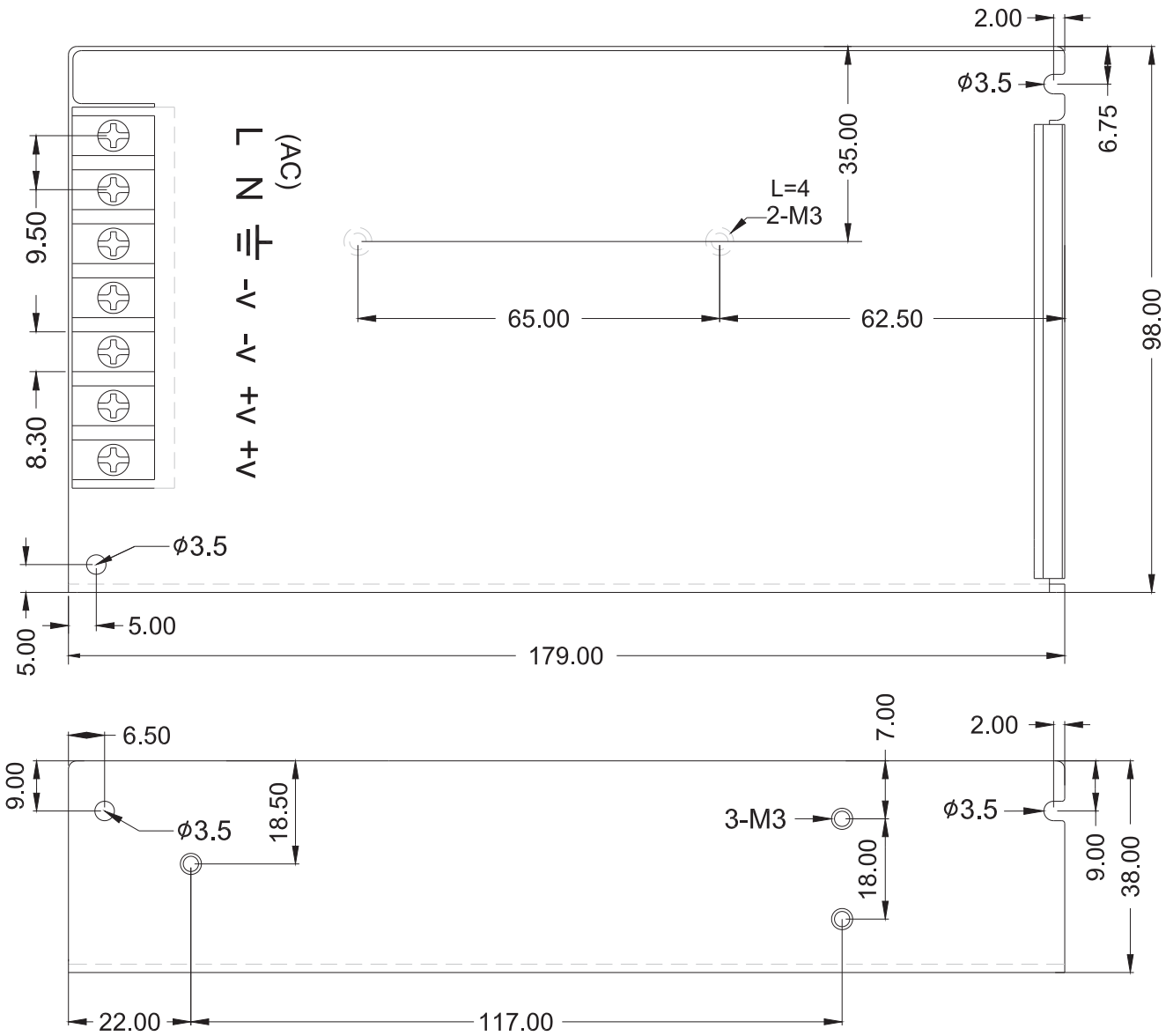
Features :

- No-load power consumption < 1W
- Protections: Short circuit / Over load / Over voltage
Brown-out (Low AC Input voltage)
- Cooling by free air convection
- Power ON with LED indicator
- All using 105°C long life electrolytic capacitors
- High operation temperature up to 70°C
- 100% full load burn-in test
- Withstand 2G vibration test
- High efficiency , long life and high reliability
- 3 years warranty



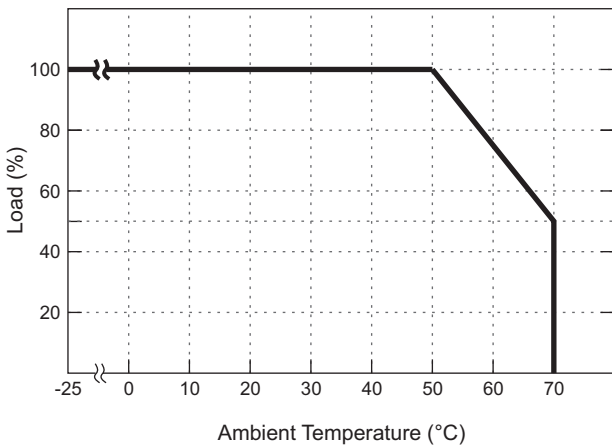
MODEL		GE-150-05	GE-150-12	GE-150-15	GE-150-24	GE-150-48
OUTPUT	DC Voltage Range	5V	12V	15V	24V	48V
	Rated Current	18A	12.5A	10A	6.5A	3.3A
	Current Range	0 ~ 18A	0 ~ 12.5A	0 ~ 10A	0 ~ 6.5A	0 ~ 3.3A
	Rated Power	90W	150W	150W	156W	158.4W
	Ripple & Noise (max.)	100 mv	120 mv	120 mv	120 mv	200 mv
	Voltage Adjustment Range	±10%				
	Voltage Tolerance	±2%	±1%	±1%	±1%	±1%
	Line Regulation	±0.5%				
	Load Regulation	±1.0%	±0.5%	±0.5%	±0.5%	±0.5%
Setup, Rise Time	(<200ms, <100ms/230VAC) (<200ms, <100ms/115VAC) at full load					
Hold Up Time	> 25ms / 230VAC >25ms / 115VAC at full load					
INPUT	Voltage Range	88V ~ 132VAC / 176 ~ 264VAC selected by switch 248 ~ 373VDC (Withstand 300VAC surge for 5sec. Without damage)				
	Frequency Range	50Hz / 60Hz				
	Efficiency (Typ.) at 230Vac	83%	88%	89%	90%	90%
	AC Current (Typ.)	3 A / 115VAC		1.5A / 230VAC		
	Inrush Current (Typ.)	Cold Start 40A / 230VAC				
Leakage Current	< 2mA / 240VAC					
Protection	Over Load	> 105 % rated output power Protection type : Hiccup mode, recovers automatically after fault condition is removed				
	Over Voltage	115% ~ 150% rated output voltage Protection type : latch-off mode				
Environment	Working Temp.	-25°C ~ 70°C (Refer to output load de-rating curve)				
	Working Humidity	20 ~ 90% RH non-condensing				
	Storage Temp., Humidity	-40 ~ +85°C 10 ~95% R.H				
	Temp.Coefficient	±0.03%/°C (0 ~ 50°C)				
Safety & EMC	Vibration	10 ~ 500Hz, 2G 10min/1cycle, period for 60 min each along X,Y,Z axes				
	Safety Standards	UL 60950-1, 2 nd Edition, TUV EN60950-1 : 2006+A11 Approved				
	Withstand Voltage	I/P - O/P: 3KVAC (4242 VDC) I/P - FG: 1.5KVAC (2121 VDC) O/P-FG: 0.5KVAC (707 VDC), 1 minute				
	Isolation Resistance	I/P - O/P, I/P - FG, O/P - FG: 100M Ohms / 500VDC				
	EMI Conduction & Radiation	EN55022: 2006 Class B				
	Harmonic Current	EN61000-3-2: 2006 Class A, EN61000-3-3: 1995+A1: 2001+A2: 2005				
Others	EMS Immunity	EN61204-3: 2000, EN55024: 1998+A1: 2001+A2: 2003 light industry level, criteria A				
	MTBF	244.83K HRS Compliance: MIL-HDBK-217F				
	Dimension (L*W*H)(mm)	179x98x38				
Note	Packing	0.56kg ; 20Pcs / 13kg				
		<ol style="list-style-type: none"> 1. All parameters NOT specially mentioned are measured at 230VAC input, rated load and 25°C of ambient temperature. 2. Ripple & noise are measured at 20MHz of bandwidth by using a 12" twisted pair-wire terminated with a 0.1uf & 47 uf parallel capacitor. 3. Tolerance: includes set up tolerance, line regulation and load regulation. 4. Line regulation is measured from low line to high line at rated load. 5. Load regulation is measured from 0% to 100% rated load. 6. The power supply is considered a component which will be installed into a final equipment. The final equipment must be re-confirmed that it still meets EMC directives. 7. Length of set up time is measured at cold first start. Turning ON/OFF the power supply very quickly may lead to increase of the set up time 				

Mechanical Specification



Derating Curve

Load VS. Temp.



Load VS. I/P Voltage

