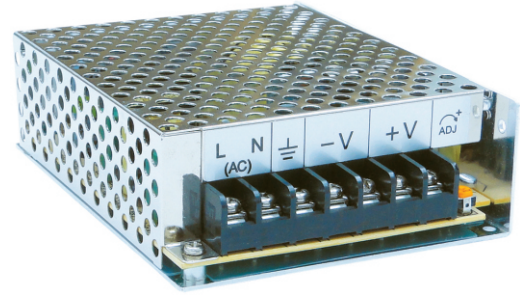


Features:

- Universal AC input / Full range
- Green design, No-load power consumption < 0.5W
- Protection: Short circuit, Over load, Over voltage
Brown-out (Low AC Input Voltage)
- High operation temperature up to 70°C
- Withstand 5G vibration test
- 3 years warranty



| MODEL | | GE-75-3.3 | GE-75-05 | GE-75-12 | GE-75-15 | GE-75-24 | GE-75-48 |
|-----------------|--|--|----------|-----------|----------|----------|----------|
| Output | DC Voltage Range | 3.3V | 5V | 12V | 15V | 24V | 48V |
| | Rated Current | 15A | 15A | 6A | 5A | 3.2A | 1.6A |
| | Current Range | 0 ~ 15A | 0 ~ 15A | 0 ~ 6.25A | 0 ~ 5A | 0 ~ 3.2A | 0 ~ 1.6A |
| | Rated Power | 49.5W | 75W | 75W | 75W | 76.8W | 76.8W |
| | Ripple & Noise (Max.) | 150mVp-p | 150mVp-p | 150mVp-p | 150mVp-p | 150mVp-p | 200mVp-p |
| | Voltage Adj. Range | ±10% | | | | | |
| | Voltage Tolerance | ±3% | ±2% | ±1% | ±1% | ±1% | ±1% |
| | Line Regulation | ±0.5% | | | | | |
| | Load Regulation | ±3.0% | ±2.0% | ±0.5% | ±0.5% | ±0.5% | ±0.5% |
| | Setup, Rise Time | 800ms, 80ms / 230VAC, 1000ms, 80ms / 115VAC at full load | | | | | |
| Hold Up Time | > 32ms / 230VAC, > 10ms / 115VAC at full load | | | | | | |
| Input | Voltage Range | 88 ~ 264VAC, 125 ~ 373VDC (Withstand 300VAC surge for 5sec. without damage) | | | | | |
| | Frequency Range | 50Hz / 60Hz | | | | | |
| | Efficiency (Typ.) at 230VAC | 79% | 83% | 87% | 87% | 88% | 90% |
| | AC Current (Typ.) | 2A / 115VAC, 1A / 230VAC | | | | | |
| | Inrush Current (Typ.) | Cold Start 40A / 230VAC | | | | | |
| Leakage Current | < 2mA / 240VAC | | | | | | |
| Protection | Over Load | > 110% rated output power Protection type: Hiccup mode, recovers automatically after fault condition is removed | | | | | |
| | Over Voltage | 115 ~ 150% rated output voltage (115 ~ 175%: only GE-75-3.3) Protection type: latch-off mode | | | | | |
| Environment | Working Temp. | -25 ~ 70°C (Refer to de-rating curve) | | | | | |
| | Working Humidity | 20 ~ 90% RH non-condensing | | | | | |
| | Storage Temp. & Humidity | -40 ~ +85°C, 10 ~ 95% RH | | | | | |
| | Temp. Coefficient | ±0.03% / °C (0 ~ 50°C) | | | | | |
| Vibration | 10 ~ 500Hz, 5G 10min. / 1cycle, period for 60min. each along X, Y, Z axes | | | | | | |
| Safety & EMC | Safety Standards | Certified UL 60950-1; EN 60950-1 | | | | | |
| | Withstand Voltage | I/P-O/P: 3KVAC (4242VDC), I/P-FG: 1.5KVAC (2121VDC), O/P-FG: 0.5KVAC (707VDC), 1minute | | | | | |
| | Isolation Resistance | I/P-O/P, I/P-FG, O/P-FG: 100M Ohms / 500VDC | | | | | |
| | EMI Conduction & Radiation | Certified EN 55022 | | | | | |
| | Harmonic Current | Certified EN 61000-3-2; EN 61000-3-3 | | | | | |
| EMS Immunity | Certified EN 61204-3; EN 55024; IEC 61000-4-2, 3, 4, 5, 6, 8, 11 | | | | | | |
| Others | MTBF | 265K HRS Certified MIL-HDBK-217F | | | | | |
| | Dimension (WxHxD) | 97.5x37.5x129.5 mm / 3.839x1.476x5.098 inch | | | | | |
| | Packing | 0.45kg; 21pcs / 10.45kg / 0.64CUFT | | | | | |
| Note | <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 & 47uF parallel capacitor. 3. Tolerance: includes setup time 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 setup time is measured at first cold start. Turning ON/OFF the power supply continuously may increase the setup time. 8. This test is done before without enclosure. | | | | | | |

