

Dimension: 111 × 78 × 36mm

Features:

- AC input voltage range selected by switch
- Small volume, low weight, high efficiency
- Protections : short circuit/over load
- Cooling by free air convection
- LED indicator for power on
- 100% full load burn-in test
- 2 Years warranty



SPECIFICATION

| Model | | HS-75-12 | HS-75-15 | HS-75-24 |
|---------------------------|------------------------|--|----------|----------|
| Output | DC voltage | 12V | 15V | 24V |
| | Voltage tolerance | ± 1% | ± 1% | ± 1% |
| | Rated current | 6.3A | 5A | 3.2A |
| | Current range | 0 ~ 6.3A | 0 ~ 5A | 0 ~ 3.2A |
| | Rated power | 76W | 75W | 77W |
| | Ripple&noise | 120mVp-p | 120mVp-p | 120mVp-p |
| | DC voltage ADJ. range | ± 10% | ± 10% | ± 10% |
| Setup, rise, hold up time | | 1000ms,30ms,20ms/230VAC | | |
| Input | Voltage range | 90~132VAC 170 ~ 264VAC 47 ~ 63Hz(Selected by switch), 235 ~ 373VDC | | |
| | AC current | 1.8A/115V 0.9A/230VAC | | |
| | Efficiency | 82% | 82% | 84% |
| | Inrush current | Cold start 18A/115V 36A/230VAC | | |
| | leakage current | < 1mA/240VAC | | |
| Protection | Overload | Rated output power105% ~ 135%Start overload protection | | |
| | | Protection type: hiccup mode, auto-recovery after fault condition is removed | | |
| Environment | Working temp, humidity | -10°C ~ +60°C;20% ~ 90%RH(Please refer to "derating curve") | | |
| | Storage temp, humidity | -20°C ~ +85°C;10% ~ 95%RH Non-condensing | | |
| | Withstand vibration | 10 ~ 500Hz, 2G 10min./1Cycle, Period for 60min, Each axes | | |
| Safety | Withstand voltage | I/P-O/P: 1.5KVAC I/P-FG: 1.5KVAC O/P-FG: 0.5KVAC | | |
| | Isolation resistance | I/P-O/P: I/P-FG,O/P-FG: 100M Ohms/500VDC | | |
| Fit standard | Safety standard | Fit UL1012 | | |
| | EMC Standard | Fit EN55022, CLASSA | | |
| Others | Dimension | 0.28kg 111*78*36 (L*W*H) | | |
| | Weight | 0.28kg/50pcs/15kg/0.96CUFT | | |

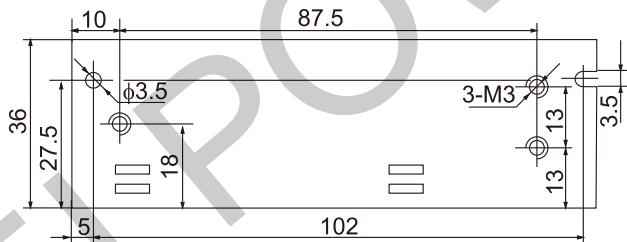
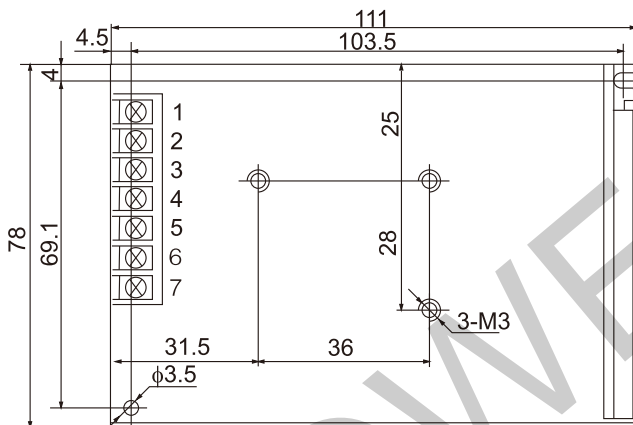
Note: 1. All parameters NOT specially mentioned are measured at 230VAC input, rated load and 25°C of ambient temperature.

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 set up tolerance, line regulation and load regulation.

Mechanical specification

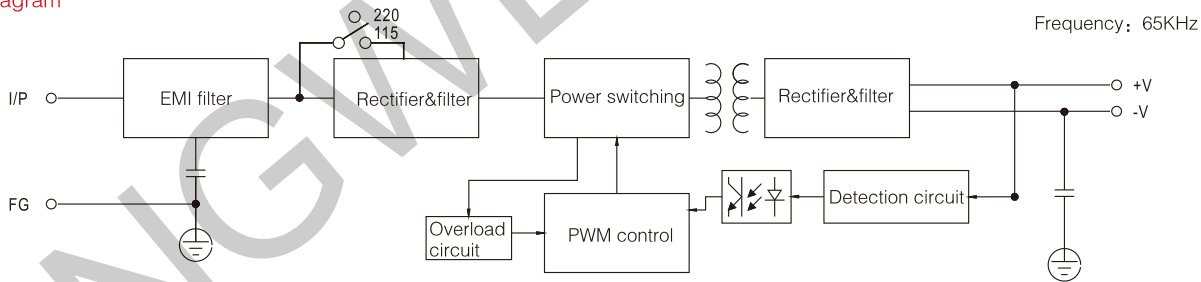
Unit:mm



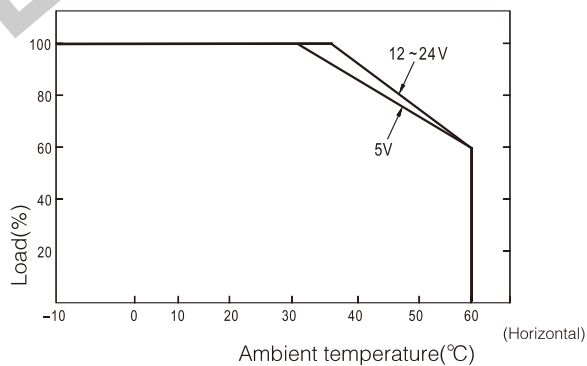
Terminal Pin No.Assignment

| Pin No. | Assignment | Pin No. | Assignment |
|---------|------------|---------|--------------|
| 1 | AC/L | 4 | DC OUTPUT -V |
| 2 | AC/N | 5 | DC OUTPUT +V |
| 3 | FG \perp | | |

Block diagram



Derating curve



Static characteristic

