

- ▲ constant voltage design
- ▲ Input 220-240VAC
- ▲ Protections: short circuit/over load/over voltage
- ▲ Class II power unit, No FG
- ▲ IP20 Ingress protection
- ▲ Power Factor 0.5
- ▲ Efficiency ≥82%
- ▲ 5 years warranty



SPECIFICATION

| | | | |
|--------------|--|---|-----------|
| Input | Rated input voltage | 220-240VAC | |
| | Range of input voltage | 176-264VAC | |
| | Frequency(Hz) | 50/60 Hz | |
| | Power Factor | 0.5±0.05@220-240VAC | |
| | Input Current | 0.18A MAX. @Full Load, 176VAC | |
| | Start-up time | <0.5S | |
| | Unload Power Consumption | ≤0.3W | |
| | Inrush Current | 20A MAX | |
| | Leakage Current | <0.5mA(240VAC) | |
| Output | Rated Voltage | 12VDC | 24V DC |
| | Current range | 1A Max. | 0.5A Max. |
| | Rated load | 0-12W | |
| | Voltage Accuracy | ±5% @220-240VAC | |
| | Voltage Regulation | ±1% | |
| | Load Regulation | ±3% | |
| | Hold-up Time | 1s max. @Full Load | |
| | Ripple & Noise Note.2 | <200mVp-p | <240mVp-p |
| | Efficiency | ≥82% | |
| Protection | Over Load Protection | 105-150% Protection type: Auto Resume | |
| | Over Voltage Protection | >12.6VDC Protection type: Auto Resume | >25.2VDC |
| | Short circuit Protection | Protection type: Auto Resume | |
| Environment | Operating Temperature | -10℃...+45℃ | |
| | tc | 80℃ | |
| | Storage Temperature | -20℃...+60℃ | |
| | Temperature coefficient | ±0.03%/℃(0-50℃) | |
| | Humidity | 20%-95%RH | |
| Life time | >30,000h @45℃ | | |
| Safety & EMC | Safety standards | EN 61347-1; EN61347-2-13 | |
| | Withstand voltage | Input-Output: 3750V/5mA/1min | |
| | Isolation resistance | Input-Output: ≥4MΩ@500VDC | |
| | EMI | EN55015; EN61000-3-2 Class C; EN61000-3-3 | |
| EMS | EN 61547; EN 61000-4-2 —Performance Criteria B; EN 61000-4-5 —1000V; Performance Criteria C | | |
| Others | Dimension (LXWXH) | 100X42X24.5((LXWXH)mm | |
| Note | 1. All parameters NOT specially mentioned are measured at 240VAC input, max rated load and 25℃ of ambient temperature 2. Ripple & Noise are measured at 20MHz of bandwidth by using a 300mm twisted pair-wire terminated with a 0.1uF & 47 uF parallel capacitor. | | |

MECHANICAL SPECIFICATIONS

