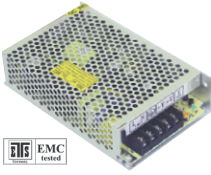


50W Single Output Series - Certified



- High reliability
- AC input range selected by switch
- Approvals: ETS/EMC/ CE
- 100% full load burn-in test
- Protections: overload/ over voltage/ short circuit
- 2 years warranty
- F605 160 x 98 x 39(mm)

| | |
|--------------------------------------|--|
| AC input voltage range | 85~132/ 170~264VAC selected by switch |
| Input frequency | 47~63Hz |
| Inrush current | cold start, 20A/115V, 40A/230V |
| Input leakage current | < 0.7mA/ 230VAC |
| Line regulation (full load) | $\pm \pm 0.5\%$ |
| Output voltage adjust range | $\pm 10\%$ |
| Output overload protection | 110~150% |
| Output over voltage protection | 115~150% |
| Withstand voltage | I/P - O/P: 3.0KVAC/1min I/P - F/G: 1.5KVAC/1min O/P- F/G: 0.5KVAC/1min |
| Rise time | 50ms@full load (typical) |
| Hold up time | 20ms@full load (typical) |
| Operating temp. & humidity | -10°C~+50°C, 20%~93%RH (non condensing) |
| Storage temp. & humidity | -20°C~+85°C, 20%~95%RH (non condensing) |
| MTBF | 100,000 hours |
| Safety standards | GB4943, UL60950, EN60950 |
| EMC standards | GB9254, EN55022 classB, EN55024 EN61000-3-2,3, EN61000-4-2,3,4,5,6,8,11 |
| Cooling method | convection |

| Model | DC Output | | Load regul. | R & N | Efficiency |
|-------------|-----------|------|-------------|-------|------------|
| HF50W-SF-5 | 5V | 10A | 0.5% | 80mV | 72% |
| HF50W-SF-12 | 12V | 4.2A | 0.5% | 100mV | 76% |
| HF50W-SF-15 | 15V | 3.4A | 0.5% | 100mV | 77% |
| HF50W-SF-24 | 24V | 2.1A | 0.5% | 100mV | 80% |
| HF50W-SF-48 | 48V | 1.0A | 0.5% | 150mV | 82% |

*Note: Max.V=48, Max.A=10, Max.VA=50

Drawing

