

55W Single Output Series



- High reliability, low cost
- Built-in EMI filter
- 100% full load burn-in test
- Protections: overload/ short circuit
- 1 year warranty
- F605 160 x 98 x 39(mm)

| | |
|-----------------------------------|---|
| AC input voltage range | 170~264VAC |
| Input frequency | 47~63Hz |
| Inrush current | cold start, 40A/230V |
| Input leakage current | < 0.7mA/ 230VAC |
| Line regulation (full load) | $\leq \pm 0.5\%$ |
| Output voltage adjust range | $\pm 10\%$ |
| Output overload protection | 110~150% |
| Withstand voltage | I/P - O/P: 1.5KVAC/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%~90%RH (non condensing) |
| Storage temp. & humidity | -20°C~+85°C, 20%~95%RH (non condensing) |
| MTBF | 100,000 hours |
| Safety standards | design meet GB4943, UL60950, EN60950 |
| EMC standards | meet GB9254, EN55022 classA EN61000-3-2,3, EN61000-4-2,3,4,5,6,8,11 |
| Cooling method | convection |

| Model | DC Output | | Load regul. | R & N | Efficiency |
|------------|-----------|------|-------------|-------|------------|
| HF55W-S-5 | 5V | 11A | 0.5% | 80mV | 72% |
| HF55W-S-12 | 12V | 4.6A | 0.5% | 100mV | 76% |
| HF55W-S-15 | 15V | 3.7A | 0.5% | 100mV | 77% |
| HF55W-S-24 | 24V | 2.3A | 0.5% | 100mV | 80% |
| HF55W-S-48 | 48V | 1.2A | 0.5% | 150mV | 82% |

Drawing

