

150W Single Output Series - with PFC



- Universal AC input / full range
- High reliability
- Approvals: TUV, CB, CE
- PF>0.98@115VAC; >0.95@230VAC
- Protections: over current/ over voltage/ over temperature/ short circuit
- 2 years warranty
- F615C 199 x 99 x 50(mm)

| | |
|--------------------------------------|---|
| AC input voltage range | 85~264VAC (120~370VDC) |
| Input frequency | 47~63Hz |
| Inrush current | cold start, 20A/115V, 40A/230V |
| Input leakage current | < 0.7mA/ 230VAC |
| Line regulation (full load) | ≤ ± 0.5% |
| Output voltage adjust range | ± 10% |
| Output over current protection | 110~130%, current limiting, auto recovery |
| 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, Hold up time | 50ms, 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) |
| Safety standards | GB4943, UL60950, EN60950 |
| EMC standards | GB9254, EN55022 classB EN61000-3-2,3, EN61000-4-2,3,4,5,6,8,11 |
| Cooling method | convection |

| Model | DC Output | | Load regul. | R&N | Efficiency |
|----------------|-----------|-------|-------------|-------|------------|
| HF150W-SC-3.3 | 3.3V | 30.0A | 0.5% | 100mV | 67% |
| HF150W-SC-5 | 5V | 30.0A | 0.5% | 100mV | 75% |
| HF150W-SC-7.5 | 7.5V | 20.0A | 0.5% | 100mV | 79% |
| HF150W-SC-12 | 12V | 12.5A | 0.5% | 100mV | 80% |
| HF150W-SC-13.5 | 13.5V | 11.2A | 0.5% | 100mV | 80% |
| HF150W-SC-15 | 15V | 10.0A | 0.5% | 100mV | 81% |
| HF150W-SC-24 | 24V | 6.3A | 0.5% | 150mV | 83% |
| HF150W-SC-48 | 48V | 3.2A | 0.5% | 250mV | 84% |

* 3~48VDC output all available.

Drawing

