

# 320W Single Output Series - with PFC



- Universal AC input / full range
- PF>0.98@115VAC; >0.95@230VAC
- Built in fan speed control
- Approvals: UL, CE
- Protections: over current/ over voltage/ over temperature/ short circuit
- 2 years warranty
- F632C 215 x 115 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<br>I/P -F/G: 1.5KVAC/1min<br>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<br>EN61000-3-2,3, EN61000-4-2,3,4,5,6,8,11         |
| Cooling method .....                 | fan   |

| Model          | DC Output |       | Load regul. | R&N   | Efficiency |
|----------------|-----------|-------|-------------|-------|------------|
| HF320W-SC-5    | 5V        | 60.0A | 0.5%        | 100mV | 79%        |
| HF320W-SC-7.5  | 7.5V      | 40.0A | 0.5%        | 100mV | 83%        |
| HF320W-SC-12   | 12V       | 25.0A | 0.5%        | 100mV | 86%        |
| HF320W-SC-13.5 | 13.5V     | 22.0A | 0.5%        | 100mV | 86%        |
| HF320W-SC-15   | 15V       | 20.0A | 0.5%        | 100mV | 86%        |
| HF320W-SC-24   | 24V       | 13.0A | 0.5%        | 150mV | 87%        |
| HF320W-SC-27   | 27V       | 11.7A | 0.5%        | 150mV | 88%        |
| HF320W-SC-48   | 48V       | 6.7A  | 0.5%        | 240mV | 89%        |

\* 3~48VDC output all available.

## Drawing

