

## 800~1000W Single Output Series



- High reliability, low cost
- Built in fan speed control
- 100% full load burn-in test
- Protections: over current/ over voltage/ over temperature/ short circuit
- 1 year warranty
- F650 250 x 160 x 87(mm)

|                                      |   |
|--------------------------------------|---|
| AC input voltage range .....         | 170~264VAC (210~370VDC)   |
| Input frequency .....                | 47~63Hz   |
| Inrush current .....                 | 60A/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: 1.5KVAC/1min<br>I/P -F/G: 1.5KVAC/1min<br>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)                                   |
| Safety standards .....               | design refer to GB4943, UL60950, EN60950                                  |
| EMC standards .....                  | design refer to GB9254, EN55022 classA                                    |
| Cooling method .....                 | fan   |

| Model        | DC Output |       | Load regul. | R&N   | Efficiency |
|--------------|-----------|-------|-------------|-------|------------|
| HF800W-S-24  | 24V       | 33.0A | 0.5%        | 180mV | 85%        |
| HF800W-S-28  | 28V       | 30.0A | 0.5%        | 180mV | 85%        |
| HF800W-S-48  | 48V       | 17.0A | 0.5%        | 250mV | 87%        |
| HF800W-S-110 | 110V      | 7.5A  | 0.5%        | 600mV | 89%        |
| HF900W-S-30  | 30V       | 30.0A | 0.5%        | 200mV | 86%        |
| HF1000W-S-24 | 24V       | 42.0A | 0.5%        | 180mV | 85%        |
| HF1000W-S-28 | 28V       | 35.0A | 0.5%        | 200mV | 86%        |
| HF1000W-S-48 | 48V       | 21.0A | 0.5%        | 300mV | 87%        |

\* 24~110VDC output all available.

## Drawing

