

## 600W Single Output M1 Series



- Compact size, high reliability
- Built-in fan speed control
- Built-in EMI filter
- Protections: overload/ over voltage/ over temperature/ short circuit
- 5 years limited warranty
- F630 241 × 124 × 65(mm)

|                                      |   |
|--------------------------------------|---|
| AC input voltage range .....         | 170~264VAC (210~370VDC)   |
| Input frequency .....                | 47~63Hz   |
| Inrush current .....                 | cold start, 60A/230V  |
| Input leakage current.....           | <1mA/ 230VAC  |
| Line regulation (full load) .....    | ≤± 0.5%   |
| Output voltage adjust range .....    | ± 10%   |
| Output overload protection .....     | 105~130%, current limiting, auto recovery                                 |
| Output over voltage protection ..... | 115~150%, shut off, re-power on to recover                                |
| 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 temperature .....          | -20℃~+50℃   |
| Safety standards.....                | design meet GB4943, UL60950, EN60950                                      |
| Cooling method .....                 | fan   |
| Packing.....                         | 1.32kg/pcs, 16pcs/CTN   |

| Model        | DC Output |     | Load regul. | R&N   | Efficiency |
|--------------|-----------|-----|-------------|-------|------------|
| HF600W-SM-12 | 12V       | 50A | 0.5%        | 150mV | 82%        |
| HF600W-SM-24 | 24V       | 25A | 0.5%        | 150mV | 86%        |
| HF600W-SM-48 | 48V       | 13A | 0.5%        | 240mV | 85%        |

### Drawing

