

30W Dual Output Mini-size Series

- Compact size, high reliability
- Built-in EMI filter
- 100% full load burn-in test
- 1 year warranty
- V1 is isolated from the other outputs
- Protections: overload/ short circuit
- F602 111 x 78 x 36(mm)



HF30W-SM



HF30W-DM, TM

| | |
|-----------------------------------|---|
| AC input voltage range | 170~264VAC (210~370VDC) |
| Inrush current | cold start, 40A/230V |
| Input leakage current | < 0.5mA/ 230VAC |
| Line regulation (full load) | ≤ ± 0.5% |
| Load regulation | V ₁ : ≤ ± 1% |
| | V ₂ , V ₃ : ≤ ± 6% |
| Output voltage adjust range | single output: ± 10%, multi-output: V ₁ : ± 5% |
| 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) |
| Safety standards | design meet GB4943, UL60950, EN60950 |
| EMC standards | design meet GB9254, EN55022 classA |
| | EN61000-3-2,3, EN61000-4-2,3,4,5,6,8,11 |
| Cooling method | convection |

Dual Output

| Model | DC Output | | R&N | Efficiency |
|------------|-----------|----------|-------|------------|
| HF30W-DM-A | 5V | 0.5~4.0A | 80mV | 70% |
| | 12V | 0.1~1.5A | 120mV | |
| HF30W-DM-B | 5V | 0.5~4.0A | 80mV | 70% |
| | 24V | 0.1~1.0A | 200mV | |
| HF30W-DM-C | 12V | 0.2~2.0A | 100mV | 72% |
| | -12V | 0.1~1.5A | 120mV | |
| HF30W-DM-D | 5V | 0.5~5.0A | 100mV | 67% |
| | 5V | 0.3~1.5A | 100mV | |

Drawing

