

## 50W Dual Output Standard with approval



- AC input range selected by switch
- High reliability
- Approvals: CE
- Protections: overload/ over voltage/ short circuit
- 5 years limited warranty
- F605 160 × 98 × 39(mm)

AC input voltage range .....	85~132/ 170~264VAC selected by switch
Inrush current .....	cold start, 20A/115V, 40A/230V
Input leakage current.....	< 1mA/ 230VAC
Line regulation (full load) .....	≤ ± 0.5%
Voltage tolerance.....	V <sub>1</sub> : ≤ ± 1%, V <sub>2</sub> : ≤ ± 3% (with regulator); ≤ ± 10% (without)
Output voltage adjust range .....	V <sub>1</sub> : ± 5% of rated output voltage
Output overload protection .....	105~150%
Output over voltage protection .....	115~150%, shut off, re-power on to recover
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 temperature .....	-20 °C ~ +50 °C
Safety standards.....	GB4943, UL60950, EN60950
EMC standards.....	GB9254, EN55022 classB, EN55024 EN61000-3-2,3, EN61000-4-2,3,4,5,6,8,11
Cooling method .....	convection

Model	DC Output		R&N	Efficiency
HF50W-DF-A	5V	1.0~6.0A	80mV	70%
	12V	0.0~2.0A	120mV	
HF50W-DF-B	5V	1.0~5.0A	80mV	71%
	24V	0.0~1.0A	150mV	
HF50W-DF-C	12V	0.4~2.0A	120mV	73%
	12V	0.0~2.0A	120mV	
HF50W-DF-D	27V	0.2~1.0A	150mV	74%
	27V	0.2~1.0A	150mV	

## Drawing

