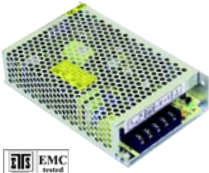


# 50W Single Output Series - with approval



- AC input range selected by switch
- High reliability
- Approvals: ETS/EMC/ CE
- 100% full load burn-in test
- Protections: overload/ over voltage/ short circuit
- 2 years warranty
- F605 160 x 98 x 39(mm)



AC input voltage range .....	85~132/ 170~264VAC selected by switch
Input frequency .....	47~63Hz
Inrush current .....	cold start, 20A/115V, 40A/230V
Input leakage current .....	< 0.7mA/ 230VAC
Line regulation (full load) .....	$\leq \pm 0.5\%$
Output voltage adjust range .....	$\pm 10\%$
Output overload protection .....	110~150%
Output over voltage protection .....	115~150%
Withstand voltage .....	I/P -O/P: 3.0KVAC/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%~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, EN55024 EN61000-3-2,3, EN61000-4-2,3,4,5,6,8,11
Cooling method .....	convection

Model	DC Output		Load regul.	R&N	Efficiency
HF50W-SF-5	5V	10.0A	0.5%	80mV	72%
HF50W-SF-12	12V	4.2A	0.5%	100mV	76%
HF50W-SF-15	15V	3.4A	0.5%	100mV	77%
HF50W-SF-24	24V	2.1A	0.5%	100mV	80%
HF50W-SF-48	48V	1.0A	0.5%	150mV	82%

\* 3~48VDC output all available.

## Drawing

