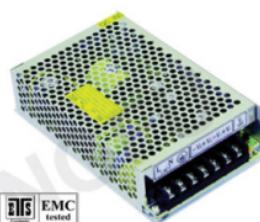


# 70W Dual Output Standard with approval



CE EMC tested

- AC input range selected by switch
- Approvals: CE
- Protections: overload/ over voltage/ short circuit
- V1 is isolated from the other output
- 5 years limited warranty
- F605 160 x 98 x 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) .....	$\leq \pm 0.5\%$
Load regulation .....	V <sub>1</sub> : $\leq \pm 0.5\%$ , V <sub>2</sub> : $\leq \pm 3\%$ (with regulator); $\leq \pm 10\%$ (without)
Output voltage adjust range .....	V <sub>1</sub> : $\pm 5\%$ of rated output voltage
Output overload protection .....	105~150%, hiccup mode, auto recovery
Output over voltage protection .....	115~150%, hiccup mode, auto recovery
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 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
HF70W-DF-A	12V	0.2~5.0A	120mV	71%
	12V	0.0~2.5A	120mV	
HF70W-DF-B	12V	0.2~5.0A	120mV	72%
	15V	0.0~2.0A	120mV	
HF70W-DF-C	12V	0.2~5.0A	120mV	74%
	24V	0.0~2.0A	150mV	

## Drawing

