

# 70W Dual Output Standard with approval



- 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 .....  $V_1: \leq \pm 0.5\%$ ,  $V_2: \leq \pm 3\%$  (with regulator);  
 $\leq \pm 10\%$  (without)  
 Output voltage adjust range .....  $V_1: \pm 5\%$  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 .....  $-20^{\circ}\text{C} \sim +50^{\circ}\text{C}$   
 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

