

## 20W Quad. Output Series



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

AC input voltage range ..... 170~264VAC (210~370VDC)  
 Inrush current ..... cold start, 30A/230V  
 Input leakage current ..... < 0.5mA/ 230VAC  
 Line regulation (full load) .....  $\leq \pm 0.5\%$   
 Load regulation .....  $V_1: \leq \pm 0.5\%$ ,  $V_2, V_3, V_4: \leq \pm 3\%$   
 Output voltage adjust range .....  $V_1: \pm 5\%$  of rated output voltage  
 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, Hold up time ..... 50ms, 20ms@full load (typical)  
 Operating temp. & humidity .....  $-10^{\circ}\text{C} \sim +50^{\circ}\text{C}$ , 20%~90%RH (non condensing)  
 Storage temp. & humidity .....  $-20^{\circ}\text{C} \sim +85^{\circ}\text{C}$ , 20%~95%RH (non condensing)  
 Safety standards ..... design meet GB4943, UL60950, EN60950  
 EMC standards ..... design meet GB9254, EN55022 class A  
 Cooling method ..... convection

Model	DC Output		R&N	Efficiency
HF20W-Q-A	5V	0.6~3.00A	100mV	64%
	12V	0~0.15A	120mV	
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HF20W-Q-B	5V	0.6~3.00A	100mV	64%
	15V	0~0.10A	150mV	
	15V	0~0.10A	150mV	
	15V	0~0.15A	150mV	
HF20W-Q-C	5V	0.6~3.00A	100mV	62%
	5V	0~0.20A	100mV	
	15V	0~0.10A	150mV	
	15V	0~0.10A	150mV	

## Drawing

