

## 20W Quin. 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) .....	≤ ± 0.5%
Load regulation .....	V <sub>1</sub> : ≤ ± 0.5%, V <sub>2</sub> ,V <sub>3</sub> ,V <sub>4</sub> ,V <sub>5</sub> : ≤ ± 3%
Output voltage adjust range .....	V <sub>1</sub> : ± 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°C~+50°C, 20%~90%RH (non condensing)
Storage temp. & humidity .....	-20°C~+85°C, 20%~95%RH (non condensing)
Safety standards .....	design meet GB4943, UL60950, EN60950
EMC standards .....	design meet GB9254, EN55022 classA
Cooling method .....	convection

Model	DC Output		R&N	Efficiency
HF20W-M-A	5V	0.4~2.00A	80mV	62%
	20V	0~0.10A	150mV	
	20V	0~0.10A	150mV	
	20V	0~0.15A	150mV	
	20V	0~0.15A	150mV	
HF20W-M-B	5V	0.4~2.00A	80mV	62%
	18V	0~0.15A	120mV	
	18V	0~0.15A	120mV	
	18V	0~0.15A	120mV	
	18V	0~0.15A	120mV	

## Drawing

