

20W Triple Output Standard with approval



CE



- Universal AC input / full range
- High reliability
- Approvals: CE
- Protections: overload/ over voltage/ short circuit
- 5 years limited warranty
- F602 111 × 78 × 36(mm)

AC input voltage range.....	85~264VAC (120~370VDC)
Inrush current	cold start, 15A/115V, 30A/230V
Input leakage current.....	< 1mA/ 230VAC
Line regulation (full load)	≤ ± 0.5%
Voltage tolerance.....	V ₁ : ≤ ± 1%, V ₂ ,V ₃ : ≤ ± 3% (with regulators); ≤ ± 10% (without)
Output voltage adjust range	V ₁ : ± 5% of rated output voltage
Output overload protection	built-in IC protection, hiccup mode, auto recovery
Output over voltage protection	clamping by zenor diode
Withstand voltage	I/P -O/P:3.0KVAC/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 temperature	-20℃~+50℃
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
HF20W-TL-A	5V	0.4~2.0A	80mV	69%
	+12V	0.0~0.5A	120mV	
	-12V	0.0~0.35A	120mV	
HF20W-TL-B	5V	0.5~2.5A	80mV	74%
	+15V	0.0~0.25A	120mV	
	-15V	0.0~0.25A	120mV	
HF20W-TL-C	5V	0.5~2.5A	80mV	68%
	+12V	0.0~0.5A	120mV	
	-5V	0.0~0.35A	80mV	

Drawing

