

## 30W Triple Output Standard with approval

CE



- AC input range selected by switch
- High reliability
- Approvals: CE
- Protections: overload/ over voltage/ short circuit
- 5 years limited warranty
- F603 129 × 98 × 40(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) ..... ≤ ± 0.5%  
 Voltage tolerance..... V<sub>1</sub>: ≤ ± 1%, V<sub>2</sub>,V<sub>3</sub>: ≤ ± 3% (with regulators);  
 ≤ ± 10% (without)  
 Output voltage adjust range ..... V<sub>i</sub>: ± 5% of rated output voltage  
 Output overload protection ..... 105~150%  
 Output over voltage protection ..... 115~150%, shut off, re-power on to recover  
 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
HF30W-TF-A	5V	0.5~3.0A	80mV	66%
	+12V	0.0~1.0A	120mV	
	-12V	0.0~0.3A	120mV	
HF30W-TF-B	5V	0.5~3.5A	80mV	68%
	+15V	0.1~0.8A	120mV	
	-15V	0.0~0.5A	120mV	
HF30W-TF-C	5V	0.6~3.2A	80mV	68%
	+12V	0.0~1.0A	120mV	
	-12V	0.0~0.35A	120mV	

## Drawing

