

100W Single Output Standard with approval



- Traditional series, high reliability
- AC input range selected by switch
- Top international brand components for key parts
- Electrolytic capacitors all 105°C
- UL, CE approved (refer to spec. of each series)
- Protections: overload/ over voltage/ short circuit
- 5 years limited warranty
- F610 199× 98 × 39(mm)

AC input voltage range5~132/ 170~264VAC selected by switch
 Input frequency.....47~63Hz
 Inrush currentcold start, 20A/115VAC, 40A/230VAC
 Input leakage current.....< 1mA/ 230VAC
 Line regulation (full load) $\leq \pm 0.5\%$
 Output voltage adjust range $\pm 10\%$
 Output overload protection105~150%, hiccup mode, auto recovery
 Output over voltage protection115~150%, hiccup mode, auto recovery
 Withstand voltageI/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 time20ms@full load (typical)
 Operating temperature-20°C~+70°C (refer to the derating curve)
 Safety standards.....GB4943, UL60950, EN60950
 EMC standards.....GB9254, EN55022 classB, EN61000-3-2,3,
 EN61000-4-2,3,4,5,6,8,11
 Cooling methodconvection
 Weight & packing.....0.65kg, 28pcs/CTN

Model	DC Output		Load regul.	R&N	Efficiency
HF100W-SF-5	5V	20.0A	0.5%	100mV	79%
HF100W-SF-7.5	7.5V	13.5A	0.5%	100mV	79%
HF100W-SF-12	12V	8.5A	0.5%	120mV	81%
HF100W-SF-13.8	13.8V	7.5A	0.5%	120mV	83%
HF100W-SF-15	15V	6.7A	0.5%	120mV	83%
HF100W-SF-24	24V	4.5A	0.5%	150mV	84%
HF100W-SF-48	48V	2.2A	0.5%	150mV	86%

* 3~48VDC output all available.

Drawing

