

150W Single Output PFC Series



CB CE

- Universal AC input / full range
- PF>0.98@115VAC; >0.94@230VAC
- Built-in active PFC
- UL,TUV,CB,CE,CCC approved (refer to spec. of each series)
- Protections: overload/ over voltage/ short circuit
- 5 years limited warranty
- F615C 199 × 99 × 50(mm)

AC input voltage range	85~264VAC (120~370VDC)
Input frequency	47~63Hz
Inrush current	cold start, 20A/115VAC, 40A/230VAC
Input leakage current.....	<1mA/ 230VAC
Line regulation (full load)	≤± 0.5%
Output voltage adjust range	± 10%
Output overload protection	105~150%, current limiting, auto recovery
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 time.....	50ms@full load (typical)
Hold up time	20ms@full load (typical)
Operating temperature	-20℃~+70℃ (refer to the derating curve)
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
Weight & packing.....	0.72kg/pcs, 20pcs/CTN

Model	DC Output		Load regul.	R&N	Efficiency
HF150W-SC-3.3	3.3V	30.0A	0.5%	100mV	73%
HF150W-SC-5	5V	30.0A	0.5%	100mV	79%
HF150W-SC-7.5	7.5V	20.0A	0.5%	100mV	81%
HF150W-SC-12	12V	12.5A	0.5%	120mV	84%
HF150W-SC-13.5	13.5V	11.2A	0.5%	120mV	85%
HF150W-SC-15	15V	10.0A	0.5%	120mV	85%
HF150W-SC-24	24V	6.3A	0.5%	150mV	86%
HF150W-SC-48	48V	3.2A	0.5%	150mV	86%

* 3~48VDC output all available.

Drawing

