

100W Single Output PFC Series



- Universal AC input/ full range
- PF>0.98@115VAC; >0.95@230VAC
- Protections: over current/ over voltage/ short circuit
- 2 years warranty
- F610C 179 x 99 x 45(mm)

AC input voltage range	85~264VAC
Input frequency	47~63Hz
Inrush current	cold start, 20A/115V, 40A/230V
Input leakage current	< 0.7mA/ 230VAC
Line regulation (full load)	≤± 0.5%
Output voltage adjust range	± 10%
Output over current protection	110~130%, constant current, auto recovery
Output over voltage protection	115~150%
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 temp. & humidity	-10℃~+50℃, 20%~93%RH (non condensing)
Storage temp. & humidity	-20℃~+85℃, 20%~95%RH (non condensing)
MTBF	100,000 hours
Safety standards	GB4943, UL60950, EN60950
EMC standards	GB9254, EN55022 classB EN61000-3-2,3, EN61000-4-2,3,4,5,6,8,11
Cooling method	convection

Model	DC Output		Load regul.	R & N	Efficiency
HF100W-SC-3.3	3.3V	20A	0.5%	100mV	70%
HF100W-SC-5	5V	20A	0.5%	100mV	76%
HF100W-SC-7.5	7.5V	13.5A	0.5%	100mV	78%
HF100W-SC-12	12V	8.5A	0.5%	100mV	80%
HF100W-SC-15	15V	6.7A	0.5%	100mV	82%
HF100W-SC-24	24V	4.2A	0.5%	150mV	84%
HF100W-SC-48	48V	2.1A	0.5%	250mV	84%

Drawing

