

# 100W Single Output Series - with PFC



- Universal AC input / full range
- High reliability
- 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 (120~370VDC)
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%, current limiting, 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°C~+50°C, 20%~93%RH (non condensing)
Storage temp. & humidity .....	-20°C~+85°C, 20%~95%RH (non condensing)
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	20.0A	0.5%	100mV	70%
HF100W-SC-5	5V	20.0A	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%

\* 3~48VDC output all available.

## Drawing

