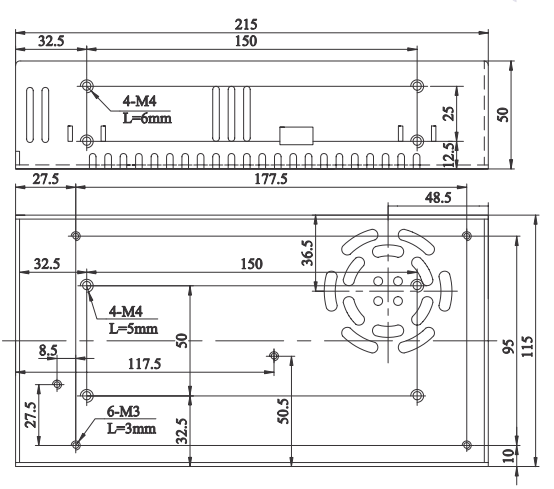
300W Single Output PFC Series

- Universal AC input/ full range
- PF>0.98@115VAC; >0.95@230VAC
- Built in fan speed control
- Remote ON/OFF control(option)
- Protections: over current/ over voltage over temperature/ short circuit
- 2 years warranty
- F630C 215 x 115 x 50(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 time	50ms@full load (typical)
Hold up time	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	50,000 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	fan

Model	DC Output		Load regul.	R & N	Efficiency
HF300W-SC-5	5V	50A	0.5%	150mV	75%
HF300W-SC-7.5	7.5V	34A	0.5%	150mV	80%
HF300W-SC-12	12V	24A	0.5%	150mV	83%
HF300W-SC-13.5	13.5V	21A	0.5%	150mV	83%
HF300W-SC-15	15V	19A	0.5%	150mV	83%
HF300W-SC-24	24V	12.5A	0.5%	150mV	85%
HF300W-SC-27	27V	11A	0.5%	200mV	86%
HF300W-SC-48	48V	6.25A	0.5%	240mV	85%

Drawing

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