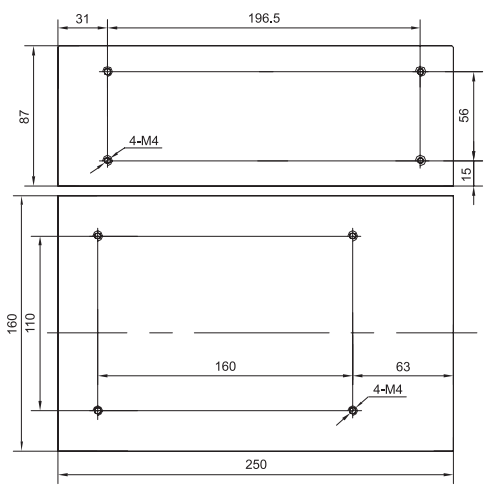
500~700W Single Output Series

- High reliability, low cost
- Built in fan speed control
- 100% full load burn-in test
- Protections: over current/ over voltage/ over temperature/ short circuit
- 1 year warranty
- F650 250 x 160 x 87(mm)

AC input voltage range ..... 170~264VAC (210~370VDC)
Input frequency ..... 47~63Hz
Inrush current 60A/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: 1.5KVAC/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%~90%RH (non condensing)
Storage temp. & humidity ..... -20℃~+85℃, 20%~95%RH (non condensing)
Safety standards ..... design refer to GB4943, UL60950, EN60950
EMC standards ..... design refer to GB9254, EN55022 classA
Cooling method ..... fan

Model	DC Output		Load regul.	R&N	Efficiency
HF500W-S-12	12V	42.0A	0.5%	120mV	83%
HF500W-S-13.8	13.8V	35.0A	0.5%	120mV	84%
HF500W-S-24	24V	21.0A	0.5%	150mV	85%
HF500W-S-48	48V	10.0A	0.5%	250mV	87%
HF600W-S-24	24V	25.0A	0.5%	200mV	85%
HF600W-S-48	48V	13.0A	0.5%	250mV	87%
HF700W-S-48	48V	15.0A	0.5%	250mV	87%

* 12~48VDC output all available.

Drawing

F650