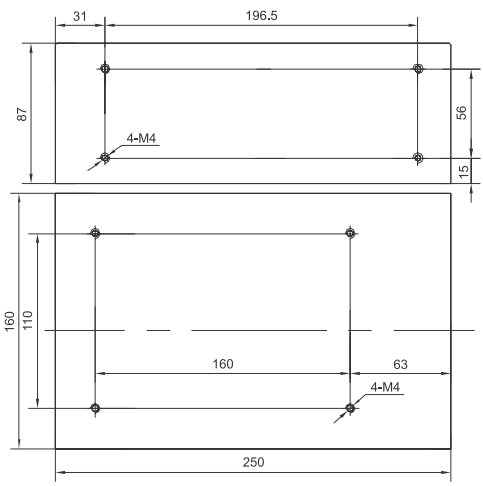
500W Single Output Series

- High reliability, low cost
- Built-in EMI filter
- 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
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%, constant current, 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)
MTBF ..... 50,000 hours
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	42A	0.5%	120mV	83%
HF500W-S-13.8	13.8V	35A	0.5%	120mV	84%
HF500W-S-24	24V	21A	0.5%	150mV	85%
HF500W-S-48	48V	10A	0.5%	250mV	87%
HF500W-S-100	100V	5A	0.5%	400mV	88%

Drawing

F650