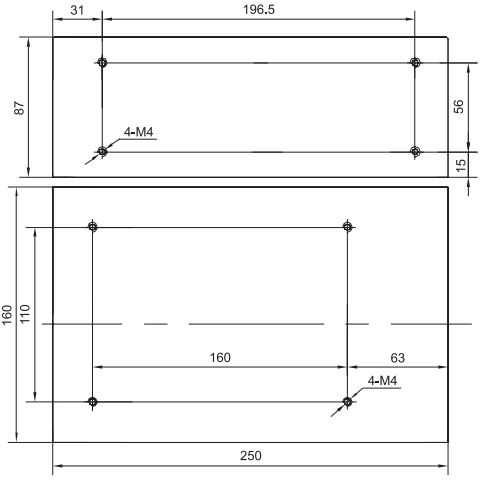
500~700W DC/DC Series

- High reliability
- 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)

DC input voltage 48VDC, 110VDC
Line regulation (full load) ..... ≤±0.5%
Output voltage adjust range ..... ±10%
Output over current protection ..... 110~130%
Output overvoltage protection ..... 115~150%
Withstand voltage ..... I/P -O/P: 1.0KVDC/1min
I/P -F/G: 1.0KVDC/1min
O/P-F/G: 0.5KVDC/1min
Isolation resistance ..... ＞100MΩ@500VDC
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 LVD
EMC standards ..... design refer to EN55022, EN61000-4
Cooling method ..... fan

Model	DC Output		Load regul.	R&N	Efficiency
HF500W-SD**-12	12V	42A	0.5%	120mV	82%
HF500W-SD**-24	24V	21A	0.5%	200mV	82%
HF500W-SD**-48	48V	11A	0.5%	360mV	84%
HF600W-SD**-24	24V	25A	0.5%	240mV	82%
HF600W-SD**-28	28V	22A	0.5%	240mV	83%
HF600W-SD**-48	48V	13A	0.5%	480mV	84%
HF700W-SD**-24	24V	29A	0.5%	240mV	82%
HF700W-SD**-28	28V	25A	0.5%	240mV	83%
HF700W-SD**-48	48V	15A	0.5%	480mV	84%

**means DC input voltage, such as 48, 110, etc.

Drawing

F650