

500W~1000W DC/DC Series



- High reliability
- Top brand components for key parts
- Built-in EMI filter
- Forced air cooling by built-in fan
- Protections: overload/ over voltage/ over temperature/ short circuit
- 5 years limited warranty
- F650 250 × 160 × 87(mm)

DC input voltage	48VDC, 110VDC
Line regulation (full load)	≤ ± 0.5%
Output voltage adjust range	± 10%
Output overload protection	105~130%, current limiting, auto recovery
Output over voltage protection	115~150%, shut off, re-power on to recover
Withstand voltage	I/P -O/P: 1.5KVAC/1min I/P -F/G: 1.5KVAC/1min O/P-F/G: 0.5KVAC/1min
Isolation resistance.....	> 100MΩ @500VDC
Operating temperature	-20°C~+50°C
Safety standards.....	design refer to GB4943, UL60950, EN60950
Cooling method	fan

Model	DC Output		Load regul.	R&N	Voltage Tol.
HF500W-SD**-12	12V	42A	0.5%	150mV	± 1%
HF500W-SD**-24	24V	21A	0.5%	150mV	± 1%
HF500W-SD**-48	48V	11A	0.5%	240mV	± 1%
HF600W-SD**-48	48V	13A	0.5%	240mV	± 1%
HF700W-SD**-24	24V	29A	0.5%	150mV	± 1%
HF800W-SD**-24	24V	35A	0.5%	150mV	± 1%
HF800W-SD**-48	48V	17A	0.5%	240mV	± 1%
HF1000W-SD**-24	24V	42A	0.5%	150mV	± 1%
HF1000W-SD**-48	48V	21A	0.5%	240mV	± 1%

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

Drawing

